

EXHIBIT 6

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE

ABBOTT CARDIOVASCULAR
SYSTEMS INC. and ABBOTT
LABORATORIES INC.,

Plaintiffs,

v.

MEDTRONIC VASCULAR, INC and
MEDTRONIC USA, INC.,

Defendants.

)
)
) Civil Action No. 98-80 (SLR)
) (Consolidated with C.A. No 98-314
) (SLR) and C.A. No. 98-316 (SLR))
)
)

)
) **REDACTED**
) **PUBLIC VERSION**
)

) **JULY 9, 2007**
)
)

DECLARATION OF DAVID C. PACITTI

I, David C. Pacitti, hereby declare as follows:

1. I am currently the Vice President of Global Marketing of Vascular Intervention for Abbott Cardiovascular Systems, Inc., formerly Advanced Cardiovascular Systems, Inc., which was a division of Guidant Corporation (collectively "ACS" herein). I have held this position since 2006. From 2004-2006, I was Director of Sales and Marketing Development of Cardiac Rhythm Management ("CRM") for Guidant. From 2002-2004, I was the Southeast Area Sales Director of CRM for Guidant. From 2000-2002, I was Director of U.S. Marketing for the Vascular Intervention Division of Guidant ("Guidant VI"). From 1999-2000, I was Group Product Manager of Stents for Guidant VI. From 1998-1999, I was Product Manager of Stents for Guidant VI. From 1995-1998, I was Account Manager for Guidant VI.

2. In October 1997, ACS launched its Multi-Link stent in the U.S. market. At that time, the Palmaz-Schatz stent, sold by Cordis Corporation (a subsidiary of Johnson & Johnson),

was the leading stent in the U.S. market. Before ACS's Multi-Link stent was launched in the United States, the Palmaz-Schatz stent had 67% of the U.S. market. (Ex. 1 at 27.)

3. By December 1997, ACS's Multi-Link stent had gained 64% of the U.S. market and the Palmaz-Schatz stent had fallen to 23% of the U.S. market. (*Id.*) Within two months of its U.S. release, ACS's Multi-Link stent had become the leading stent in the U.S. market.

4. In December 1997, Medtronic/AVE (collectively "Medtronic") launched its MicroStent II in the U.S. to compete with ACS's Multi-Link stent. (*Id.*) By February 1998, Medtronic's MicroStent II had gained 27% of the U.S. market, while ACS's Multi-Link stent had fallen to 54%. (Ex. 2 at 3.) It is clear from the data that ACS's loss of market share resulted, to a significant degree, from Medtronic's sales of its MicroStent II.

5. In April 1998, Medtronic launched its GFX stent and also continued to market its MicroStent II. (*Id.*) By July 1998, Medtronic had gained 45% of the U.S. market, while ACS's market share had dropped to 39% of the U.S. market. (*Id.*) With 45% of the U.S. market, Medtronic had become the leading stent manufacturer in the U.S. market. ACS's loss of market share during the first half of 1998, and in particular its loss of the market-leader position, resulted, to a significant degree, from Medtronic's sales of its MicroStent II and GFX stents during that time period. While ACS quickly reclaimed its leadership position in the stent market with the release of its next Multilink stent (the "Duet") in November 1998, and held onto that position in the bare-metal stent market ever since, Medtronic has continued to hold a significant share of the market for bare-metal stents.

6. Exhibit 3 is a chart showing ACS's and Medtronic's shares in the U.S. bare-metal stent market from September 1997 to the present. As evident from this chart, any substantial

increase in Medtronic's market share generally corresponds to a decrease in ACS's market share, and vice versa.

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10 Additionally, ACS's loss of market share also damaged the goodwill of ACS's business in the eyes of investors. When valuing a medical device company, such as ACS, investors place substantial emphasis on the company's share in the market. By taking ACS's market share, Medtronic diminished the goodwill—and thus value—of ACS's business to current and potential investors.

11 To date, neither ACS nor Medtronic has released a DES product in the U.S. market, although both of them have launched DES products outside of the United States.

According to Medtronic's public statements, it is my understanding that Medtronic expects to receive approval to release its DES product in the U S market before the end of 2007.

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12. Currently, the DES segment of the U S stent market is split between Cordis's Cypher stent and Boston Scientific's Taxus stent. Despite their positive claims to reducing restenosis, the Cypher and Taxus stents have suffered some negative press due to the occurrence of late-stent thrombosis. Due to the perception of the marketplace, the next entrant into the DES segment of the U S stent market will have an even greater opportunity to take market share away from both Cordis and Boston Scientific, and develop long-standing relationships with customers

13. If Medtronic releases its DES product into the U S market, Medtronic will undoubtedly take market share that ACS otherwise would have gained when it ultimately releases its own DES product.

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14. If Medtronic releases its DES product into the U.S. market before ACS receives approval to release its own DES product, ACS's future loss of market share to Medtronic would be even more significant. Specifically, if Medtronic gets a head start in the U.S. marketplace, it would be difficult for ACS to regain a significant portion of the market share taken by Medtronic, given that Medtronic would be the next entrant into the DES market and thus would have the first opportunity to take market share from Cordis and BSC and to cement long-standing relationships with customers.

15. On the other hand, if Medtronic does not release a DES product into the U S market, ACS forecasts that its own DES product would gain a significant portion of the market

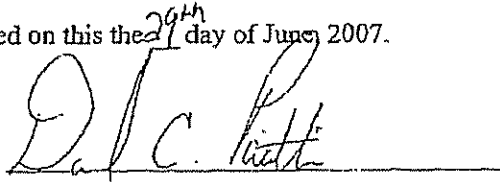
share that would otherwise be taken by Medtronic. Without question, therefore, Medtronic's release of its DES product into the U.S. stent market would cause damage to ACS's future ability to gain market share in the DES market.

16. Aside from losing market share, moreover, Medtronic's entrance into the DES segment of the U.S. stent market also would damage ACS in the same ways described above, namely

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loss of goodwill of the business.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code. Executed on this the ^{29th} day of June, 2007.

A handwritten signature in dark ink, appearing to read "D. C. Pacitti", is written over a horizontal line.

David C. Pacitti

Exhibit 1

GUIDANT

Vascular Intervention



January 1998

U.S. Market Overview

C O N F I D E N T I A L**Senior Staff**

Barclay, B.	S214
Calfee, Richard	Houston
Howard, G.	S212
Huss, B.	S232
Johnson, G.	S121
Larson, B.	T500
Martlage, D.	S211
McInnes, P.	T520
Murray, M.	S220
Neels, G.	S112
Norton, S.	T200
Pandolfino, E.	S112
Simpson, C.	S116

Global Marketing
(54 copies)

S112

Temecula

Fairchild, J.	T120
Winton, B.	T400

Directors

Amoss, S.	S112
Castro, T.	S214
Chludzinski, M.	S238
Crall, C.	T540
Crapenhof, M.	S214
Degois-Sainz, M.	S311
Douthitt, T.	S112
Esselstein, B.	T120
Garfield, G.	S214
Hirsch, E.	S214
King, G.	GDT-Jpn
Lyss, S.	S112
Malito, O.	S116
Mariani, P.	S216
Mondry, M.	S214
Muller, P.	S116
Nayak, V.	S120
Nishimura, M.	S112
Ortigas-Wedekind, M.	S112
Saltman, B.	S135
Schneiderman, G.	S214
Sirhan, M.	S238
Spaulding, R.	S232

Finance

Bartels, S.	S216
-------------	------

Business Development

Bertonis, J.	S214
Gasson, J.	S214
[REDACTED]	
Nemeth, J.	S214
Zavelson, L.	S214

GSC

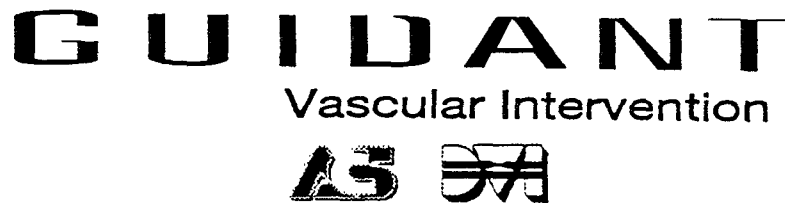
Antinori, D. - GDT - SE Ofc.
Baumgardt, J. - GDT HQ, Indy
Blanchard, T. - GDT HQ, Indy
Davis, B. - S001
Ethridge, J. - S001
Harrold, M. - GDT - NE Ofc.
Hopper, P. - GDT - West
Neupert, J. - GDT HQ, Indy
Rhatigan, K. - S001
Rieth, B. - GDT HQ, Indy
Sherman, M. - GDT HQ, Indy

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January 1999
U.S. Market Overview
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USMO Executive Summary

January 1998

Beginning with the January 1997 data collection the USMO cath lab panel started reporting units used instead of units sold. This should capture units received free of charge and better reflect the current demand trends in the market.

Dilatation Catheter Business

Average Daily Sales (Units)

Dilatation Catheter Market

December	January	% Chg.
4551	4573	0%

Market ADS is calculated using rolling ACS share of units used from cath lab panel and ACS units sold.

ACS

Segment	December	January	% Change
RX	1,046	1,070	2%
Perfusion	157	147	-6%
OTW	120	92	-24%
IS	3	3	39%
Total DC Units	1,326	1,312	-1%

In January, SciMed (47%) lost 2pp while ACS (29%) was stable. JJIS/Cordis (13%) and Schneider(7%) each gained 1pp while Medtronic (3%) and USCI were (1%) stable.

Top Selling Dilatation Catheter: SciMed Ranger (18%, stable).

Dilatation Catheter Market Segments

Market Segment Mix

OTW	65%	(-1 pp)	Perfusion	4%	(-1 pp)
RX	29%	(+2 pp)	IS	2%	(stable)

Over-the-Wire

Manufacturer	Share	Change
SciMed/Mansfield	68%	(stable)
JJIS/Cordis	19%	(+1 pp)
ACS	6%	(-1 pp)
Medtronic	4%	(stable)

Top Product: SciMed Ranger (27%, -3 pp)

Comments: JJIS/Cordis gained 1pp while ACS lost 1pp. SciMed and Medtronic were stable.

Rapid Exchange

Manufacturer	Share	Change
ACS	74%	(stable)
Schneider/Shiley	21%	(+1 pp)
SciMed/Mansfield	4%	(-1 pp)
Medtronic	1%	(stable)

Top Product Line: ACS Rocket (52%, +17 pp)

Comments: ACS and Medtronic were stable. Schneider gained 1pp in the RX market segment while SciMed lost 1pp.

High Pressure/Non-Compliant & Extended Pressure/Front-line

HP/NC (RBP > 14 ATM) as % of Business

Nov	Dec	Jan
38%	39%	40%

Extended Pressure (RBP = 9-14 ATM) as % of Business

Nov	Dec	Jan
52%	53%	54%

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Guide Wires

Manufacturer	Share	Change
ACS	60%	(+3 pp)
SciMed/Mansfield*	26%	(-3 pp)
Cordis	9%	(stable)

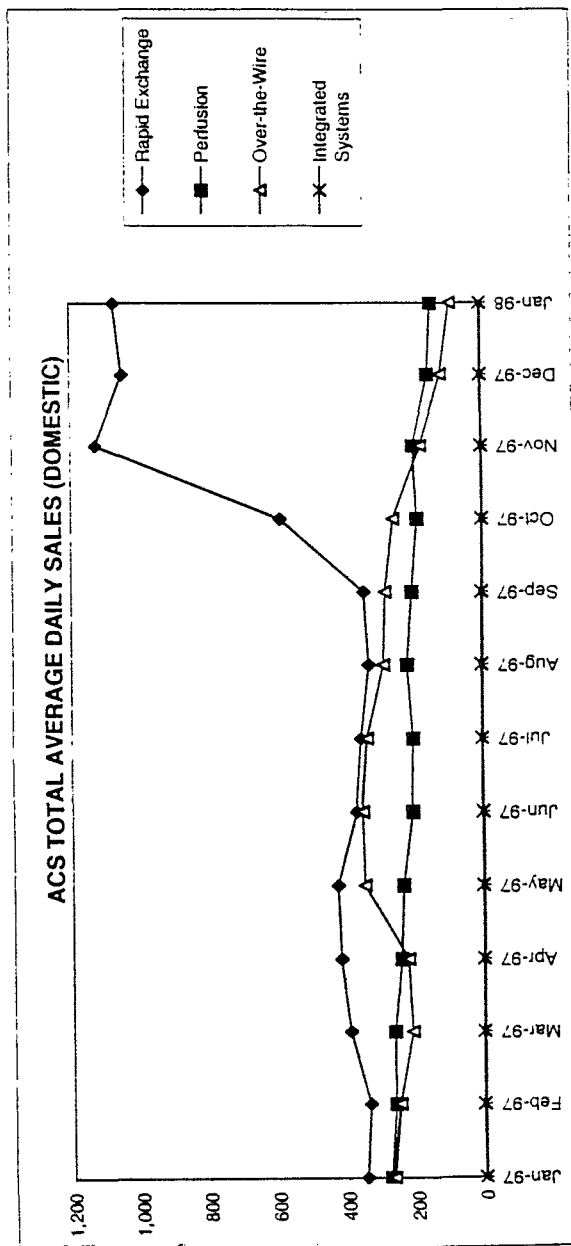
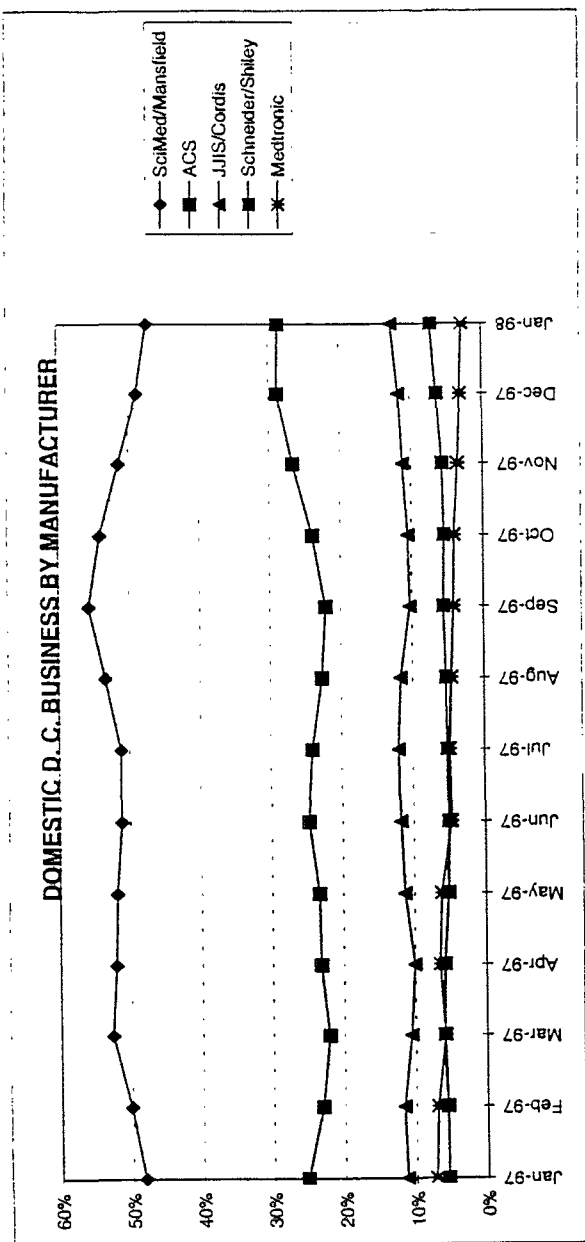
Coronary Stents

Manufacturer	Share	Change
ACS	58%	(-6 pp)
AVE	18%	(+17 pp)
JJIS/Cordis	16%	(-7 pp)
Cook	5%	(-3 pp)
Medtronic	2%	(-1 pp)

Vascular Intervention Unit Market Share - as a % of all devices (BDC & 2nd Gen.)

Guidant	38%	(-1 pp)	Schneider/Shiley	4%	(stable)
SciMed/Boston Sci.	34%	(-1 pp)	Cook	2%	(-1 pp)
JJIS/Cordis	14%	(-1 pp)	Medtronic	2%	(-1 pp)

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DOMESTIC D. C. BUSINESS BY MANUFACTURER

MANUFACTURER	2 Months Rolling Avg.	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
SciMed/Mansfield ACS JJIS/Cordis Schneider/Shiley Medtronic USCI		48%	50%	53%	52%	52%	51%	51%	53%	56%	54%	51%	49%	47%
		25%	23%	22%	23%	23%	25%	24%	23%	22%	24%	27%	29%	29%
		11%	12%	11%	10%	11%	12%	12%	12%	10%	11%	11%	12%	13%
		6%	6%	6%	6%	5%	5%	5%	5%	6%	6%	6%	6%	7%
		7%	7%	6%	7%	6%	5%	5%	5%	4%	4%	4%	3%	3%
		2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%

DOMESTIC D. C. BUSINESS BY SEGMENT

Over the Wire	71%	72%	74%	73%	74%	76%	76%	76%	76%	78%	76%	71%	66%	65%
Rapid Exchange	16%	15%	16%	17%	16%	16%	16%	16%	15%	14%	16%	22%	27%	29%
Perfusion	10%	10%	9%	8%	8%	7%	7%	6%	7%	7%	6%	5%	5%	4%
Integrated Systems	3%	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%

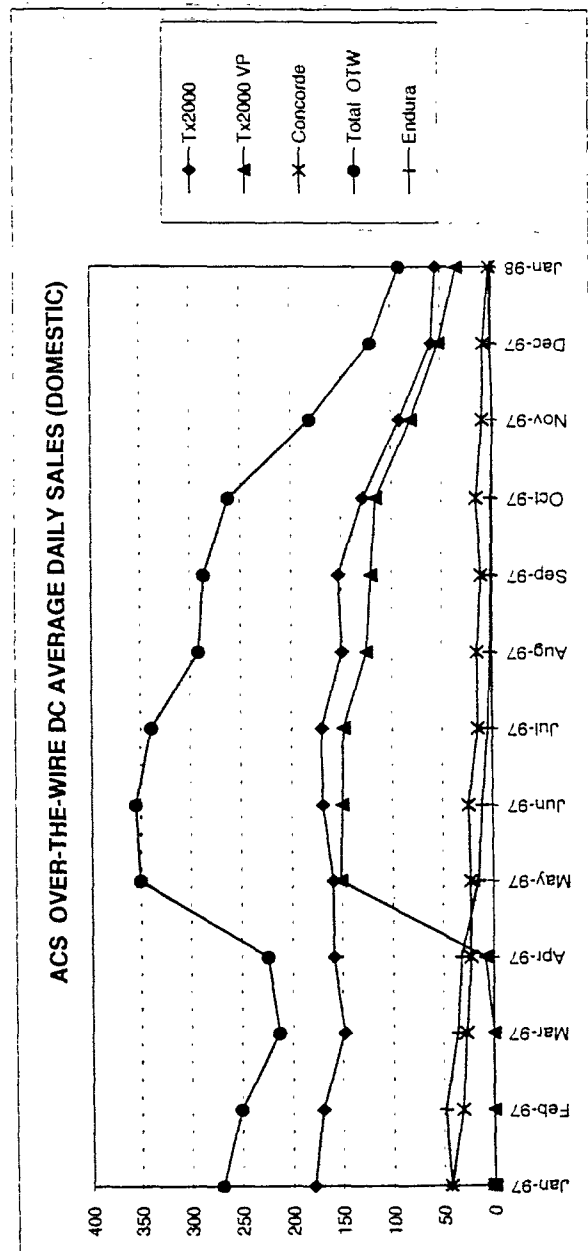
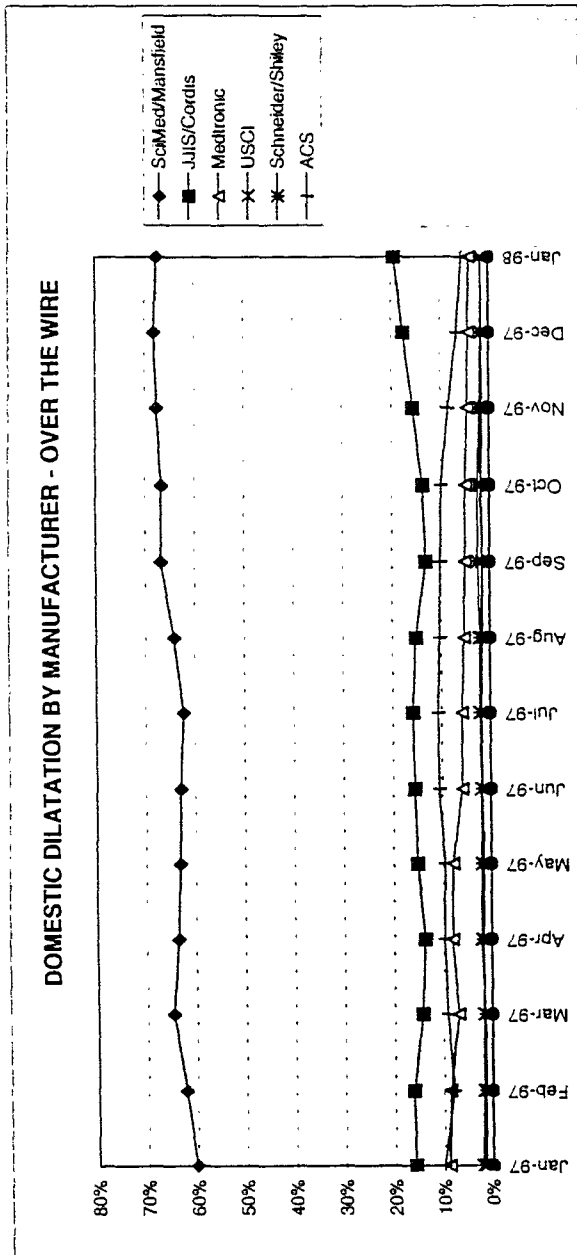
ACS TOTAL AVERAGE DAILY SALES (DOMESTIC)

	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
Rapid Exchange	348	337	393	418	427	372	357	333	348	588	1,127	1,046	1,070
Perfusion	278	263	265	244	238	209	206	223	208	192	203	157	147
Over-the-Wire	270	251	213	224	351	355	340	292	287	262	181	120	92
Integrated Systems	3	5	5	3	4	3	3	4	4	3	3	3	3
Total ADS	899	856	876	890	1,020	939	906	852	847	1,045	1,514	1,326	1,312

VASCULAR INTERVENTION UNIT MARKET SHARE (as a % of all devices)

Guidant	18%	16%	16%	16%	16%	16%	16%	16%	15%	15%	21%	32%	39%	38%
SciMed/Boston Sci.	37%	38%	40%	39%	38%	37%	37%	37%	39%	40%	38%	36%	35%	34%
JJIS/Cordis	33%	33%	32%	33%	34%	34%	34%	34%	28%	27%	25%	19%	15%	14%
Schneider/Shiley	4%	4%	4%	4%	3%	3%	3%	4%	4%	4%	4%	4%	4%	4%
Medtronic	5%	5%	4%	4%	4%	3%	3%	3%	3%	3%	3%	3%	3%	2%
Cook	3%	2%	2%	2%	2%	5%	8%	10%	10%	8%	5%	3%	3%	2%
USCI	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%

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DOMESTIC DILATATION BY MANUFACTURER - OVER THE WIRE

Over-The-Wire	2 Months Rolling Avg.											
	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997
SciMed/Mansfield	60%	62%	65%	64%	63%	63%	62%	64%	67%	67%	68%	68%
JJIS/Cordis	16%	16%	14%	14%	15%	16%	16%	15%	13%	14%	16%	19%
ACS	10%	8%	9%	10%	10%	11%	11%	10%	10%	10%	8%	7%
Medtronic	9%	9%	7%	8%	8%	6%	6%	5%	5%	5%	5%	4%
USCI	2%	2%	2%	2%	2%	2%	2%	2%	1%	2%	2%	1%
Schneider/Shiley	2%	1%	1%	2%	2%	2%	2%	2%	2%	2%	2%	2%
OTW AS A PERCENT OF BUSINESS	71%	72%	74%	73%	74%	76%	76%	76%	78%	76%	71%	66%
												65%

DOMESTIC DILATATION BY COMMODITY - OVER THE WIRE

OTW Systems (Top 10)												
	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997
SciMed/Mansfield	9%	10%	13%	16%	18%	24%	30%	31%	30%	31%	32%	30%
NC Ranger								3%	9%	13%	15%	16%
SciMed/Mansfield								1%	2%	3%	3%	6%
Quantum Ranger								0%	1%	2%	4%	6%
Charger												7%
Bandit NC												8%
*BANDIT												8%
Tx2000												7%
Thor												6%
*TITAN												3%
*PREDATOR												3%
Valor												2%
Tx2000 VP												2%
Asuka												2%
Rebel												2%
*Evergreen												1%
Procross												1%
SciMed/Mansfield	4%	4%	3%	3%	3%	2%	3%	3%	3%	2%	2%	1%
Medtronic	2%	1%	1%	1%	1%	1%	2%	1%	1%	2%	1%	1%
SCI												1%

ACS OVER-THE-WIRE DC AVERAGE DAILY SALES (DOMESTIC)

	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97
Tx2000	179	170	148	159	159	169	170	149	153	128	92	60
Tx2000 VP				9	152	150	148	125	121	116	81	52
Concorde	43	31	27	22	23	24	14	15	11	16	9	8
Endura	43	48	36	32	15	10	5	2	1	1	(1)	1
Edge	2	1	1	1	1		0	0	1	1	1	1
Other OTW	3	1	1	1	2	2	2					
Total OTW	270	251	213	224	351	355	340	292	287	262	181	120
												92

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*Designates a PRODUCT FAMILY containing long and/or short balloons

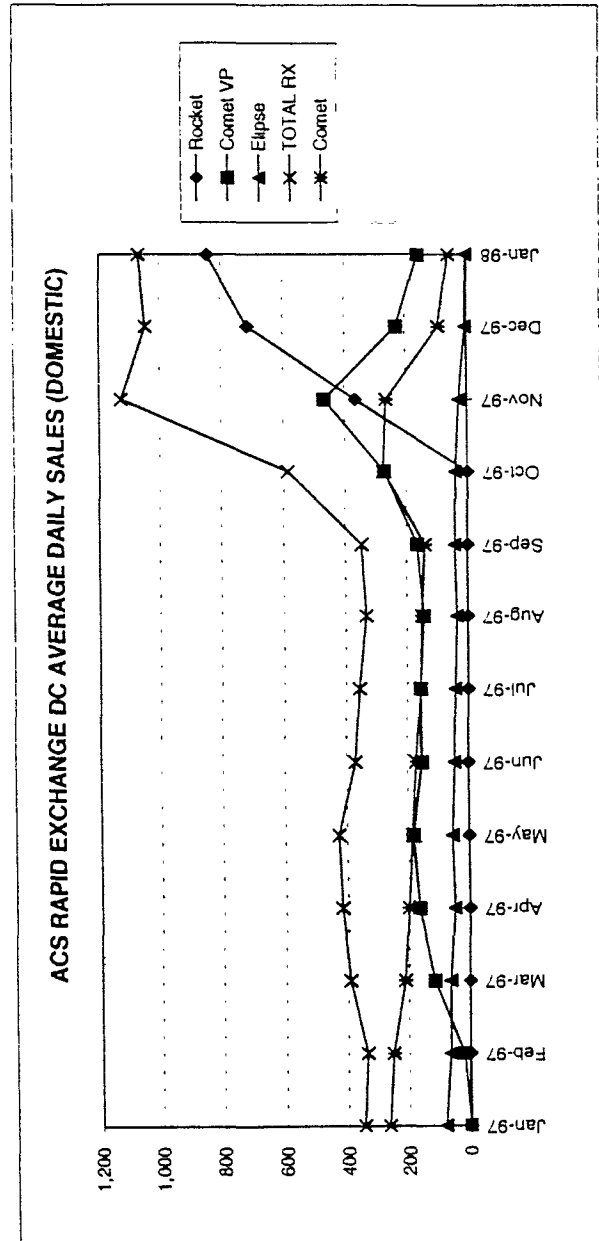
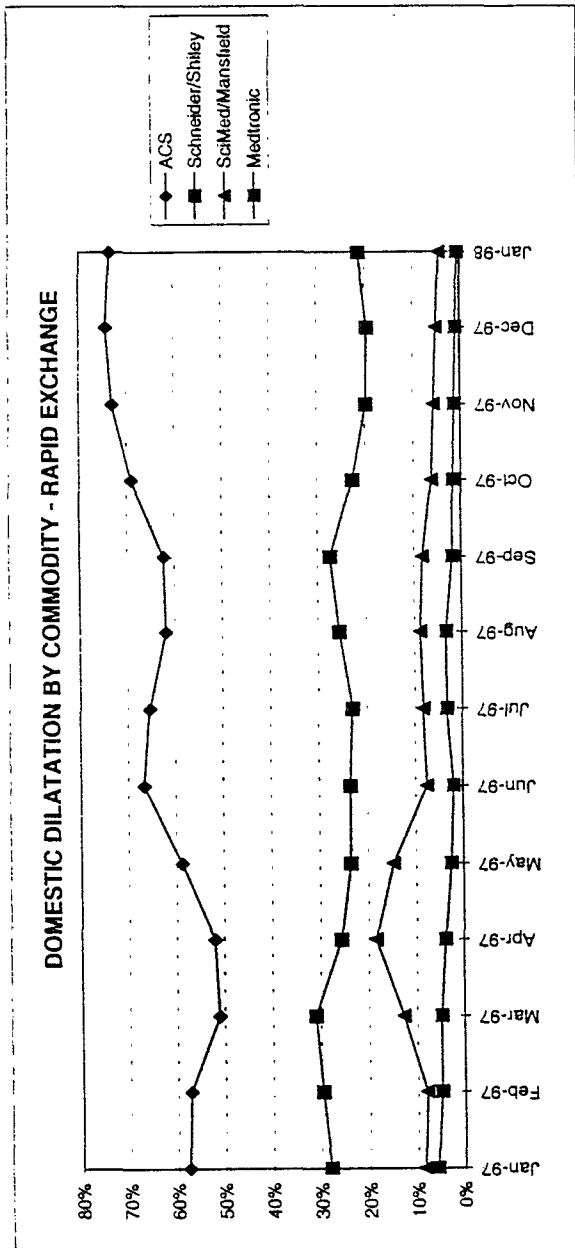
ROLLING 14 OTW DETAIL PRODUCT MIX

2 Months Rolling Avg.		Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
OTW-14		10%	11%	14%	17%	19%	25%	31%	33%	31%	32%	33%	31%	28%
SciMed/Mansfield	*Ranger													
SciMed/Mansfield	NC Ranger													
SciMed/Mansfield	Quantum Ranger													
JJIS/Cordis	Charger													
SciMed/Mansfield	Bandit NC	29%	31%	32%	31%	30%	27%	20%	18%	15%	11%	9%	6%	7%
SciMed/Mansfield	*BANDIT	21%	20%	19%	16%	13%	12%	11%	10%	9%	8%	6%	4%	4%
ACS	Tx2000	6%	5%	5%	6%	7%	8%	7%	6%	6%	6%	4%	3%	3%
JJIS/Cordis	Thor	7%	7%	6%	5%	5%	6%	6%	6%	5%	4%	4%	3%	2%
JJIS/Cordis	*PREDATOR	3%	3%	2%	3%	3%	3%	3%	3%	2%	2%	3%	3%	2%
JJIS/Cordis	Valor	2%	3%	3%	3%	0%	1%	2%	3%	4%	4%	4%	3%	2%
ACS	Tx2000 VP	1%	1%	1%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Schneider/Shiley	Asuka						0%	1%	1%	1%	0%	1%	1%	1%
SciMed/Mansfield	Rebel	4%	4%	3%	3%	3%	3%	3%	3%	3%	3%	2%	2%	1%
Medtronic	*Evergreen	2%	1%	1%	2%	1%	2%	2%	1%	1%	2%	1%	1%	1%
USCI	Procross	2%	1%	1%	1%	2%	1%	1%	1%	1%	1%	1%	1%	1%
Medtronic	*PANTHER	2%	3%	2%	3%	2%	1%	1%	1%	1%	1%	1%	1%	1%
Medtronic	Millenia	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%
JJIS/Cordis	Jupiter	1%	1%	1%	1%	0%	0%	0%	0%	1%	1%	1%	1%	1%
JJIS/Cordis	*TRAKSTAR	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	0%	1%
Medtronic	*14K	2%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%	1%	0%
SciMed/Mansfield	NC Ranger Big													
OTW-14 AS PERCENT OF ALL OTW		93%	93%	95%	95%	96%	96%	95%	96%	97%	97%	97%	97%	97%
OTW-14 AS PERCENT OF BUSINESS		64%	70%	70%	70%	73%	72%	73%	73%	77%	72%	66%	62%	64%

ROLLING OTW MIX FOR ALL COMMODITIES

	2 Months Ending	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
SciMed/Mansfield	*Ranger	9%							31%	30%	31%	32%	30%	27%
SciMed/Mansfield	NC Ranger								3%	9%	13%	15%	16%	16%
SciMed/Mansfield	Quantum Ranger								1%	2%	3%	3%	6%	8%
JJIS/Cordis	Charger								0%	1%	2%	4%	6%	8%
SciMed/Mansfield	Bandit NC	28%	29%	30%	29%	29%	25%	19%	17%	15%	11%	9%	7%	7%
SciMed/Mansfield	*BANDIT	19%	19%	18%	15%	13%	11%	10%	10%	9%	7%	6%	6%	6%
ACS	Tx2000	6%	5%	5%	5%	7%	8%	7%	6%	6%	5%	4%	4%	3%
JJIS/Cordis	Thor	6%	6%	6%	4%	5%	5%	6%	6%	5%	4%	4%	3%	3%
JJIS/Cordis	*TITAN	3%	3%	3%	3%	4%	4%	3%	3%	3%	2%	2%	3%	3%
JJIS/Cordis	*PREDATOR	2%	3%	2%	2%	3%	3%	3%	3%	2%	3%	3%	3%	2%
JJIS/Cordis	Valor	2%	2%	2%	2%	3%	2%	3%	3%	2%	2%	2%	2%	2%
ACS	Tx2000 VP	1%	1%	1%	0%	0%	2%	2%	2%	4%	4%	3%	2%	2%
Schneider/Shiley	Asuka						0%	1%	1%	1%	0%	1%	1%	1%
SciMed/Mansfield	Rebel	4%	4%	3%	3%	3%	2%	3%	3%	3%	2%	2%	2%	1%
Medtronic	*Evergreen	2%	1%	1%	1%	1%	1%	2%	1%	1%	2%	1%	1%	1%
USCI	Procross	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Medtronic	*PANTHER	2%	2%	2%	3%	2%	1%	1%	1%	1%	1%	1%	1%	1%
Medtronic	Millenia	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
JJIS/Cordis	Jupiter	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
JJIS/Cordis	*TRAKSTAR	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	1%
Medtronic	*14K	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%	1%	0%
SciMed/Mansfield	NC Ranger Big													

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DOMESTIC DILATATION BY MANUFACTURER - RAPID EXCHANGE

Rapid Exchange (RX)	2 Months Rolling Avg.	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
ACS		58%	57%	51%	52%	59%	67%	65%	62%	62%	69%	73%	74%	74%
Schneider/Shiley		28%	30%	31%	26%	24%	24%	23%	26%	27%	23%	20%	20%	21%
SciMed/Mansfield		9%	8%	13%	19%	15%	8%	8%	9%	8%	6%	6%	5%	4%
Medtronic		6%	5%	5%	4%	3%	2%	3%	3%	2%	2%	1%	1%	1%
RX AS A PERCENT OF BUSINESS		16%	15%	16%	17%	16%	16%	16%	15%	14%	16%	22%	27%	29%

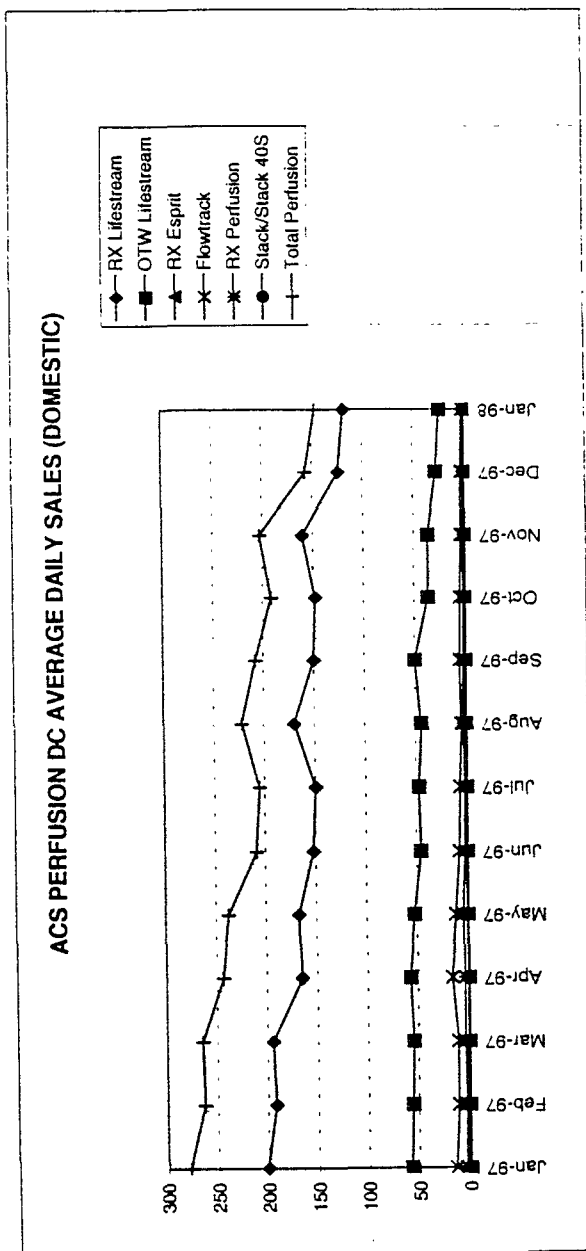
DOMESTIC DILATATION BY COMMODITY - RAPID EXCHANGE

RX Systems	Commodity	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
ACS	Rocket													
ACS	Comet VP			2	4%	5%	7%	18%	24%	21%	28%	11%	35%	52%
Schneider/Shiley	Bonnie													
ACS	Comet													
Schneider/Shiley	Goldite	29%	34%	35%	36%	43%	49%	38%	28%	32%	34%	27%	15%	8%
SciMed/Mansfield	Leap Express	10%	11%	11%	10%	11%	13%	12%	14%	16%	15%	12%	9%	6%
Schneider/Shiley	Shortgoose	5%	5%	6%	5%	5%	4%	3%	3%	7%	5%	5%	4%	4%
ACS	*ELIPSE	5%	6%	6%	5%	11%	10%	10%	9%	9%	7%	6%	3%	2%
Schneider/Shiley	Mongoose	28%	23%	14%	11%	4%	4%	4%	4%	4%	4%	2%	1%	1%
Schneider/Shiley	*MC RAIL	6%	5%	6%	5%	3%	3%	3%	5%	4%	2%	2%	1%	1%
Medtronic	Falcon	6%	5%	5%	4%	3%	2%	3%	3%	2%	2%	1%	1%	1%
SciMed/Mansfield	Express Plus	3%	3%	2%	2%	2%	2%	3%	2%	1%	1%	1%	1%	0%

ACS RAPID EXCHANGE AVERAGE DAILY SALES (DOMESTIC)

	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
Rocket													
Comet VP		19	116	166	184	153	158	145	165	273	468	716	845
Comet	266	253	213	202	188	172	157	153	141	276	265	94	160
Elipse	82	65	63	50	55	46	42	35	42	40	27	5	61
Streak 10/14		1	0	0	0	0	0	0			(0)	0	4
TOTAL RX	348	337	393	418	427	372	357	333	348	588	1,127	1,046	1,070

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DOMESTIC DILATATION BY MANUFACTURER - PERFUSION

2 Months Rolling Avg.		Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
Perfusion	ACS	89%	84%	82%	86%	86%	86%	86%	83%	83%	88%	88%	88%	89%
	SciMed/Mansfield	11%	16%	18%	14%	14%	14%	14%	17%	17%	12%	12%	12%	11%
PERFUSION AS A PERCENT OF BUSINESS		10%	10%	9%	8%	8%	7%	6%	7%	7%	6%	5%	5%	4%

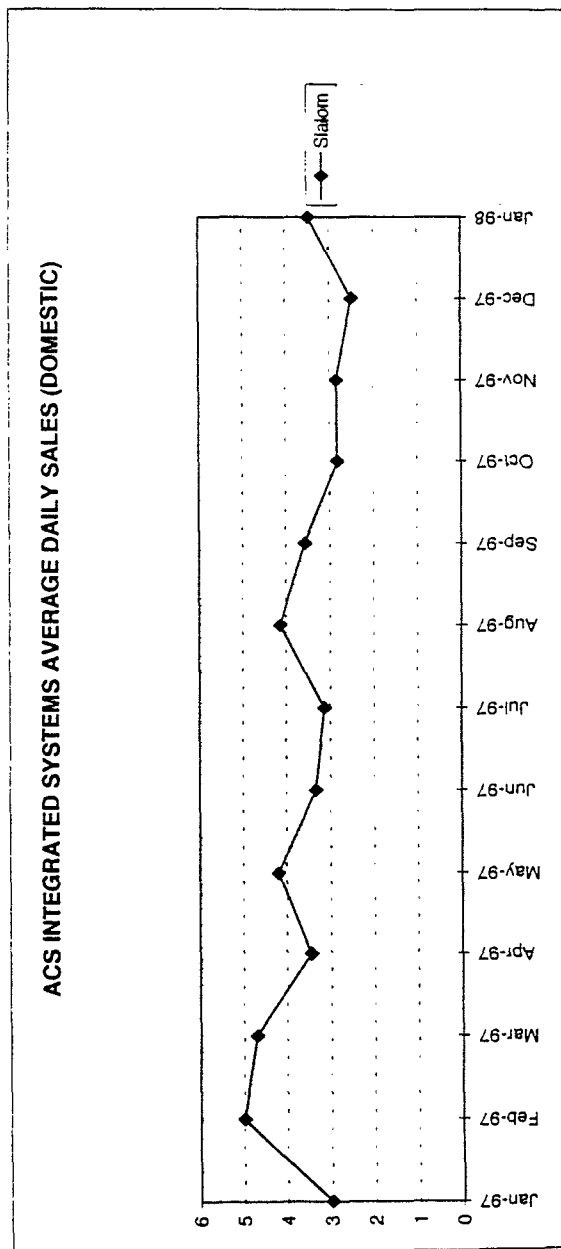
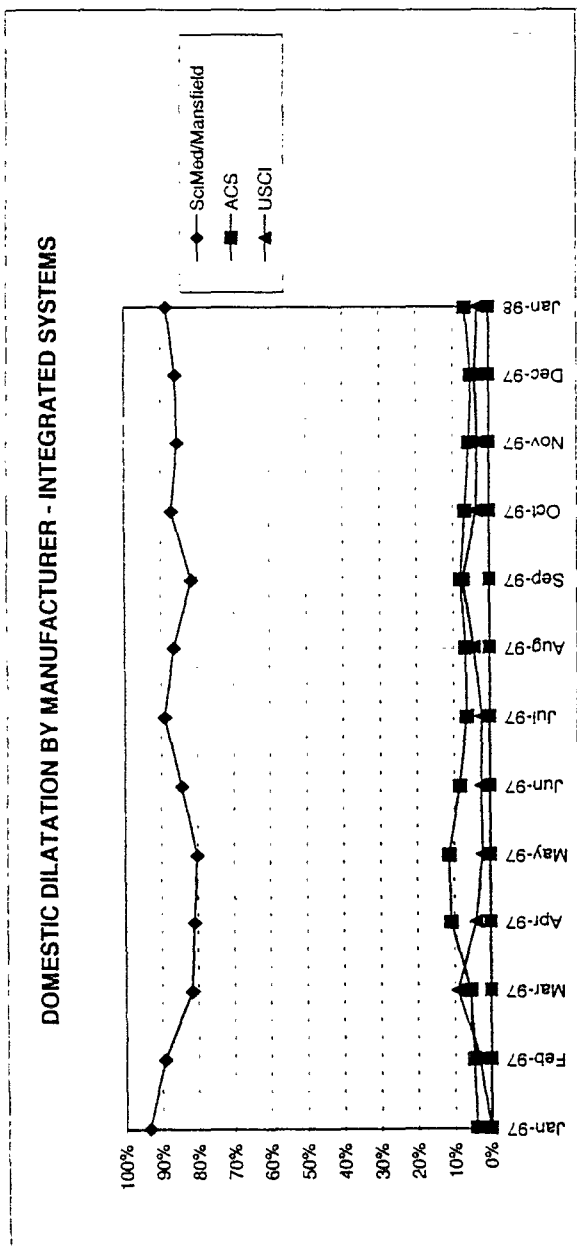
DOMESTIC DILATATION BY COMMODITY - PERFUSION

ACS	*LIFESTREAM	69%	67%	70%	75%	76%	74%	76%	72%	72%	75%	72%	67%	68%
SciMed/Mansfield	Surpass	9%	14%	16%	13%	13%	14%	13%	16%	17%	12%	11%	10%	10%
ACS	*RX PERFUSION	6%	6%	4%	4%	3%	4%	4%	4%	3%	3%	4%	10%	9%
ACS	OTW Lifestream	1%	1%	2%	2%	2%	0%	0%	4%	7%	9%	11%	9%	9%
ACS	*FLOWTRACK	12%	10%	7%	5%	5%	7%	5%	3%	1%	1%	1%	2%	3%
SciMed/Mansfield	Wave	2%	2%	2%	1%	1%	0%	0%	0%	0%	0%	1%	2%	1%

ACS PERFUSION DC AVERAGE DAILY SALES (DOMESTIC)

		Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
RX Lifestream	OTW Lifestream	201	192	195	166	168	153	150	170	150	148	161	124	119
	RX Esprit	58	56	55	58	53	46	47	44	50	37	36	28	24
Flowtrack	RX Perfus	14	11	11	17	12	8	7	5	6	5	4	3	2
	Stack/Stack 40S	4	3	4	4	5	3	2	3	2	1	1	1	0
Total Perfus		1	1	0	0	0	0	0	0	0	0	0	0	0
Total Perfus		278	263	265	244	238	209	206	223	208	192	203	157	147

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DOMESTIC DILATATION BY MANUFACTURER - INTEGRATED SYSTEMS

Integrated	2 Months Rolling Avg.	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
		94%	89%	82%	81%	80%	84%	89%	87%	82%	87%	85%	86%	88%
	SciMed/Mansfield	4%	5%	6%	11%	11%	8%	6%	7%	8%	7%	6%	5%	7%
	ACS	0%	3%	9%	4%	2%	3%	2%	4%	7%	4%	3%	4%	3%
	USCI	2%	3%	3%	4%	6%	5%	2%	2%	3%	2%	6%	5%	2%
	JJIS/Cordis	3%	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%

INT. AS A PERCENT OF BUSINESS

DOMESTIC DILATATION BY COMMODITY - INTEGRATED SYSTEMS

Integrated Systems	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
	78%	77%	53%	55%	61%	68%	78%	69%	50%	60%	53%	53%	66%
SciMed/Mansfield	14%	10%	20%	17%	15%	14%	10%	16%	29%	24%	26%	24%	15%
SciMed/Mansfield	2%	2%	9%	9%	4%	2%	1%	2%	2%	4%	6%	9%	7%
SciMed/Mansfield	4%	5%	6%	11%	11%	8%	6%	7%	8%	7%	6%	5%	7%
ACS	0%	3%	9%	4%	2%	3%	2%	4%	7%	4%	3%	4%	3%
USCI	2%	2%	3%	3%	3%	2%	1%	0%	0%	1%	4%	4%	1%
JJIS/Cordis	0%	0%	3%	1%	3%	3%	1%	2%	3%	2%	1%	1%	1%
JJIS/Cordis													

ACS INTEGRATED SYSTEMS AVERAGE DAILY SALES (DOMESTIC)

	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
	3	5	5	3	4	3	3	4	4	3	3	3	3
Slalom	3	5	5	3	4	3	3	4	4	3	3	3	3
Total Int. Sys.	3	5	5	3	4	3	3	4	4	3	3	3	3

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MONTHLY MARKET SHARE FOR LONG BALLOONS

		Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
		1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1998
LONG OTW-14 SciMed/Mansfield SciMed/Mansfield	Long Ranger Long Bandit	3%	3%	3%	3%	2%	2%	4%	5%	1%	2%	4%	5%	4%
LONG OTW-14 AS A % OF OTW-14		5%	5%	6%	4%	4%	7%	8%	3%	6%	6%	8%	7%	6%
LONG OTW-18														
JJIS/Cordis	Long Olympus	4%	6%		1%						1%	1%	1%	3%
LONG OTW-18 AS A % OF OTW-18		5%	11%	0%	1%	0%	0%	0%	1%	0%	2%	2%	1%	3%
LONG OTW AS A % OF OTW LONG OTW AS A % OF BUSINESS		5%	5%	6%	4%	3%	7%	8%	3%	6%	6%	8%	7%	5%
		4%	4%	4%	3%	3%	5%	6%	2%	5%	5%	5%	5%	4%
LONG INT														
SciMed/Mansfield	Long Ace	2%	5%	5%	3%	4%	9%	7%	2%	3%	4%	2%	11%	2%
LONG INT AS A % OF INT		2%	5%	5%	3%	4%	9%	7%	2%	3%	4%	2%	11%	2%
LONG INT AS A % OF BUSINESS		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
LONG PERFUSION														
ACS	Long Lifestream Long Flowtrack	8%	8%	12%	11%	13%	11%	9%	9%	12%	8%	10%	9%	6%
		2%	1%	2%	2%	2%	2%	2%	1%	1%	1%	1%	1%	1%
LONG PERF AS A % OF PERF		18%	11%	15%	13%	17%	14%	13%	11%	12%	9%	13%	10%	7%
LONG PERF AS A % OF BUSINESS		2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%
LONG RX														
ACS	Long Elipse	3%	2%	1%	2%	2%	2%	2%	1%	1%	1%	0%	0%	0%
LONG RX AS A % OF RX		4%	4%	2%	3%	2%	3%	3%	1%	1%	1%	1%	0%	0%
LONG RX AS A % OF BUSINESS		1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Total Long Balloons % of BUSINESS		6%	5%	6%	4%	4%	7%	7%	3%	6%	5%	6%	5%	4%

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MONTHLY MARKET SHARE FOR HIGH PRESSURE/NON-COMPLIANT BALLOONS (RBP > 14 ATMs)

		Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
OVER-THE-WIRE	NC Ranger								6%	12%	15%	15%	16%	15%
	Charger								0%	2%	3%	5%	6%	10%
	Quantum Ranger								2%	3%	3%	4%	8%	9%
	Bandit NC													
	Thor													
	*TITAN													
	Tx2000 VP													
	Millenia													
	Jupiter													
		27%	30%	30%	29%	29%	22%	17%	17%	12%	9%	8%	6%	7%
HP/NC OTW AS A % OF BUSINESS	SciMed/Mansfield	6%	6%	5%	4%	6%	5%	6%	5%	4%	4%	3%	3%	3%
	JJIS/Cordis	3%	3%	3%	4%	4%	4%	3%	3%	3%	2%	2%	3%	2%
	SciMed/Mansfield													
	JJIS/Cordis													
	ACS	2%	2%	2%	3%	1%	2%	3%	3%	4%	4%	3%	2%	1%
	Medtronic	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
	JJIS/Cordis													
	HP/NC OTW AS A % OF OTW	44%	45%	44%	44%	44%	36%	33%	39%	42%	41%	44%	47%	50%
	HP/NC OTW AS A % OF BUSINESS	30%	34%	32%	32%	33%	27%	25%	30%	33%	31%	30%	31%	33%

RAPID EXCHANGE

RAPID EXCHANGE	Bonnie													
	Schneider/Shiley													
	ACS													
	Schneider/Shiley	5%	8%	5%	6%	4%	3%	3%	4%	1%	2%	1%	1%	3%
	Schneider/Shiley	5%	5%	5%	4%	4%	4%	3%	4%	4%	3%	2%	1%	1%
	HP/NC RX AS A % OF RX	10%	14%	14%	13%	13%	17%	34%	29%	27%	38%	34%	28%	24%
	HP/NC RX AS A % OF BUSINESS	2%	2%	2%	2%	2%	3%	5%	4%	4%	7%	9%	8%	7%
TOTAL HP/NC BALLOONS AS A % OF BUSINESS		32%	36%	35%	35%	35%	30%	30%	34%	37%	38%	38%	39%	40%

MONTHLY MARKET SHARE FOR HP/NC SHORT BALLOONS (% of all BDC)

		Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
HP/NC SHORT BALLOONS AS A % OF ALL BDC	Bandit NC	19%	22%	22%	21%	22%	17%	13%	13%	10%	7%	6%	4%	5%
	Shortgoose	1%	1%	1%	1%	1%	1%	0%	1%	0%	0%	0%	0%	1%
	SciMed/Mansfield													
	Schneider/Shiley													
HP/NC SHORT BALLOONS AS A % OF ALL BDC		19%	24%	22%	22%	22%	17%	13%	14%	10%	7%	6%	4%	5%

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MONTHLY MARKET SHARE FOR EXTENDED PRESSURE BALLOONS (RBP = 9-14 ATMs)

	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
OVER-THE-WIRE													
SciMed/Mansfield	10%	11%	15%	17%	20%	28%	32%	30%	30%	32%	32%	28%	27%
*BANDIT	18%	20%	17%	13%	12%	11%	10%	9%	8%	6%	6%	6%	7%
Tx2000	5%	5%	5%	6%	7%	8%	6%	6%	5%	5%	3%	4%	3%
ACS	2%	2%	2%	3%	3%	3%	3%	2%	1%	2%	2%	2%	2%
Valor	3%	2%	2%	3%	3%	3%	3%	2%	2%	3%	3%	3%	2%
*PREDATOR	1%	1%	1%	2%	1%	2%	2%	2%	3%	2%	2%	2%	1%
Asuka						0%	1%	1%	0%	0%	1%	2%	1%
Rebel	2%	1%	2%	1%	1%	1%	2%	1%	2%	2%	1%	2%	1%
Procross	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	0%	0%	1%
*TRAKSTAR													
USCI	44%	45%	45%	46%	49%	57%	60%	55%	53%	54%	51%	48%	46%
JJIS/Cordis	30%	34%	33%	34%	37%	43%	46%	42%	42%	40%	35%	31%	30%
EXTENDED PRESSURE OTW AS A % OF OTW													
EXTENDED PRESSURE OTW AS A % OF BUSINESS													

RAPID EXCHANGE

ACS													
Rocket													
ACS	33%	35%	35%	38%	50%	49%	27%	29%	35%	33%	20%	47%	57%
Cornet													
Goldie	10%	11%	10%	9%	14%	12%	13%	15%	17%	13%	12%	10%	7%
Schneider/Shiley													
*MC RAIL	5%	6%	7%	4%	3%	3%	4%	6%	3%	2%	1%	1%	1%
Schneider/Shiley													
EXTENDED PRESSURE RX AS A % OF RX	49%	52%	52%	50%	67%	63%	43%	49%	55%	48%	55%	64%	70%
EXTENDED PRESSURE RX AS A % OF BUSINESS	8%	8%	9%	9%	10%	11%	7%	7%	7%	9%	14%	18%	20%

INTEGRATED SYSTEMS

USCI													
Probe/2/3/4													
Lightning	0%	12%	7%	2%	3%	2%	2%	9%	6%	1%	5%	3%	3%
Orion	1%	6%	1%	5%	2%	1%	0%	0%	0%	1%	7%	1%	1%
JJIS/Cordis													
JJIS/Cordis	1%			1%	4%	1%	1%	4%	2%	2%	1%	1%	
EXTENDED PRESSURE INT AS A % OF INT	2%	18%	8%	8%	9%	5%	4%	12%	8%	4%	13%	5%	4%
EXTENDED PRESSURE INT AS A % OF BUSINESS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

PERFUSION

ACS													
*LIFESTREAM	66%	68%	72%	78%	73%	76%	77%	68%	76%	73%	70%	63%	73%
OTW Lifestream	1%	2%	1%	2%	1%	0%	0%	7%	8%	11%	11%	8%	10%
ACS													
EXTENDED PRESSURE PERF AS A % OF PERF	67%	70%	74%	81%	73%	76%	77%	75%	82%	82%	79%	70%	76%
EXTENDED PRESSURE PERF AS A % OF BUSINESS	7%	6%	6%	6%	5%	5%	5%	6%	5%	5%	4%	3%	3%

TOTAL EXTENDED PRESSURE BALLOONS

AS A % OF BUSINESS	45%	48%	48%	49%	53%	59%	57%	55%	54%	54%	52%	53%	54%
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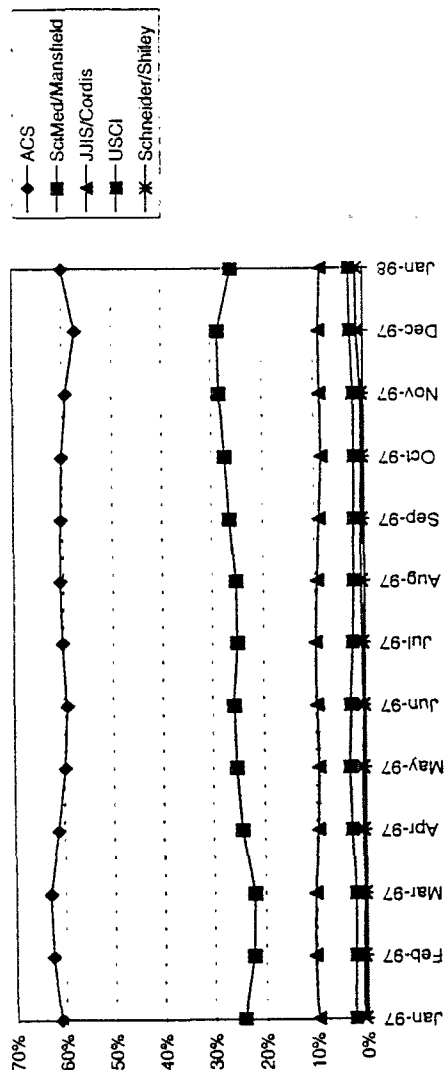
**DOMESTIC DILATATION CATHETER MARKET
TOP 20**

Actual Numbers Report	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
SciMed/Mansfield	7%	8%	11%	12%	15%	21%	25%	23%	24%	24%	22%	18%	18%
ACS								4%	9%	11%	5%	14%	16%
SciMed/Mansfield								0%	1%	2%	4%	4%	7%
JJIS/Cordis								1%	2%	2%	3%	5%	6%
SciMed/Mansfield	12%	15%	12%	10%	9%	8%	8%	7%	7%	5%	4%	4%	5%
SciMed/Mansfield	19%	22%	22%	21%	22%	17%	13%	13%	10%	7%	6%	4%	5%
SciMed/Mansfield													
Schneider/Shiley													
ACS	7%	6%	6%	6%	5%	5%	5%	5%	4%	4%	3%	3%	3%
ACS				1%	1%	2%	4%	3%	3%	6%	7%	4%	2%
ACS	5%	5%	6%	7%	7%	8%	4%	4%	5%	6%	5%	3%	2%
Schneider/Shiley	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	3%	2%	2%
ACS	3%	3%	4%	4%	6%	6%	5%	5%	4%	4%	2%	3%	2%
JJIS/Cordis	4%	5%	4%	3%	4%	4%	5%	4%	3%	3%	2%	2%	2%
JJIS/Cordis	2%	2%	2%	2%	2%	2%	2%	2%	1%	2%	2%	1%	1%
JJIS/Cordis	2%	2%	2%	3%	3%	3%	2%	2%	2%	2%	1%	2%	1%
JJIS/Cordis	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	1%
SciMed/Mansfield	0%	1%	2%	3%	1%	1%	1%	1%	1%	1%	1%	1%	1%
SciMed/Mansfield	4%	1%	1%	1%	1%	1%	2%	1%	1%	1%	1%	1%	1%
Schneider/Shiley	1%	1%	1%	2%	1%	1%	1%	2%	2%	2%	1%	1%	1%

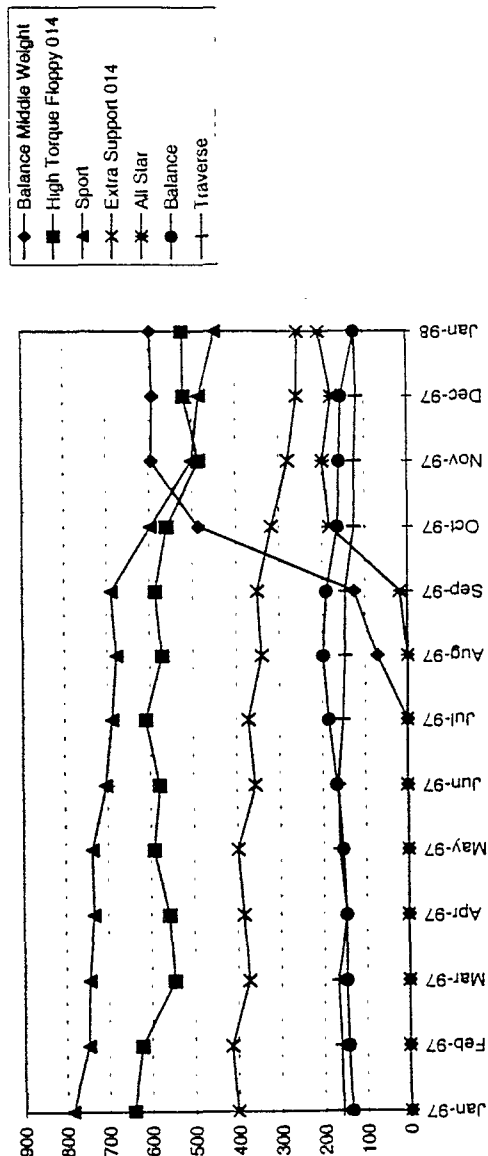
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DOMESTIC GUIDE WIRES BY MANUFACTURER



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DOMESTIC GUIDE WIRES BY MANUFACTURER

2 Months Rolling Avg.		Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
PRODUCT DETAIL	ACS	61%	63%	63%	61%	60%	59%	60%	61%	60%	60%	59%	57%	60%
	SciMed/Mansfield	24%	22%	22%	24%	25%	26%	25%	25%	27%	27%	28%	29%	26%
	JJIS/Cordis	10%	10%	10%	10%	9%	10%	10%	10%	9%	9%	9%	9%	9%
	USCI	3%	2%	2%	3%	3%	3%	2%	2%	2%	2%	2%	3%	3%
	Schneider/Shiley	1%	1%	0%	1%	1%	0%	1%	1%	1%	0%	1%	1%	1%
PRODUCT DETAIL	.014 Extra Support	13%	14%	13%	12%	12%	12%	14%	13%	11%	10%	9%	11%	12%
	.014 S'Port	17%	17%	18%	17%	18%	18%	14%	14%	15%	15%	12%	10%	12%
	Balance Middle Weight								0%	1%	4%	9%	12%	11%
	Floppy 014												2%	8%
	Choice PT												6%	6%
	Choice												6%	6%
	Choice Extra Support												7%	5%
	.014 Traverse												4%	5%
	ACS ALL STAR												3%	4%
	Stabilizer Plus												3%	3%
	Heart Technology												3%	3%
	Stabilizer												2%	2%
	Ironman												3%	2%
	Balance												2%	2%
	Wisdom												1%	2%
	Mallman												3%	3%
	Intermediate 014												3%	3%
	USCI14												2%	2%
	Sceptor												2%	2%
	Platinum Plus												3%	2%
	Standard 014												1%	1%
	PT Graphix												1%	1%
	Silk .012												1%	1%
	ACS .018												1%	1%

*As of Dec 97, Intermediate 014, Standard 014, and Floppy 014 split from the ACS 14 group

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ACS GUIDE WIRES AVERAGE DAILY SALES (DOMESTIC)

	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
Balance Middle Weight													
High Torque Floppy 014	643	623	547	558	593	579	610	572	587	560	485	520	522
Sport	787	748	746	734	737	704	689	678	690	598	501	484	447
Extra Support 014	403	415	375	386	399	357	373	342	351	318	279	259	256
All Star									17	184	199	178	207
Balance	137	143	148	147	155	168	186	200	191	165	159	156	123
Traverse	159	161	168	147	164	165	152	148	146	126	124	119	123
Other 014	148	262	268	308	285	225	216	198	203	232	226	254	213
018	48	43	39	43	54	38	42	34	53	39	36	42	32
010	23	28	26	27	29	21	23	25	26	27	27	18	24
Total Coronary Wires	2,348	2,422	2,317	2,351	2,418	2,257	2,291	2,271	2,390	2,736	2,631	2,623	2,542
Doc	114	126	113	102	136	113	118	116	105	131	129	127	116
Anchor	33	30	38	18	27	49	31	29	35	25	28	16	20
Total Guide Wires	2495	2578	2468	2470	2581	2419	2440	2416	2530	2892	2789	2766	2677

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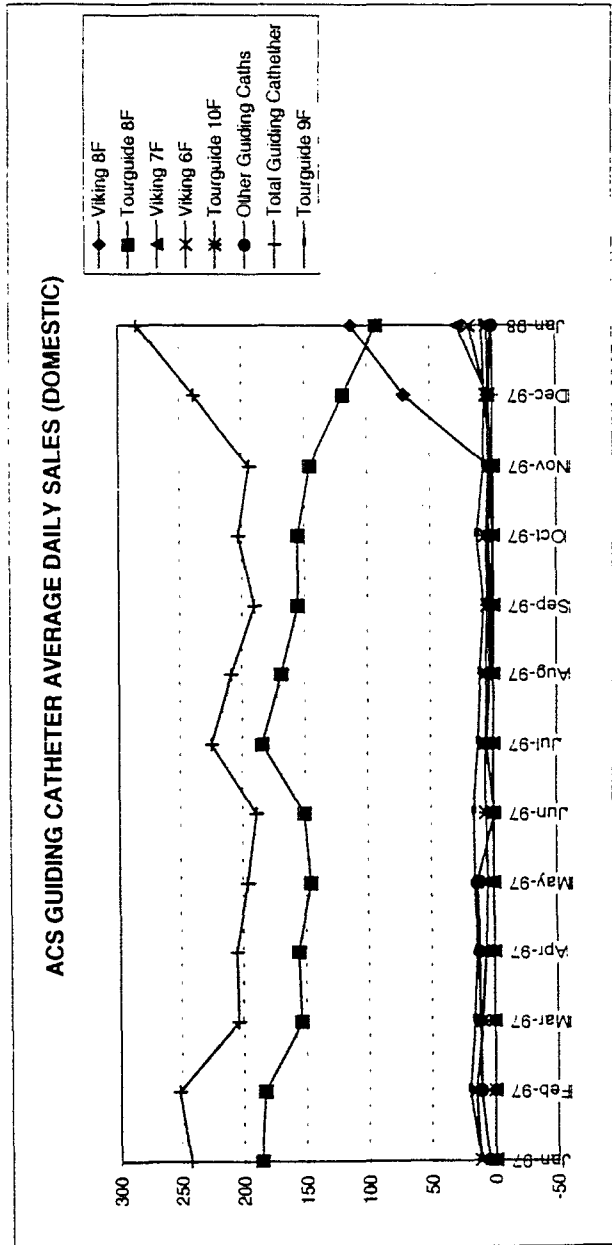
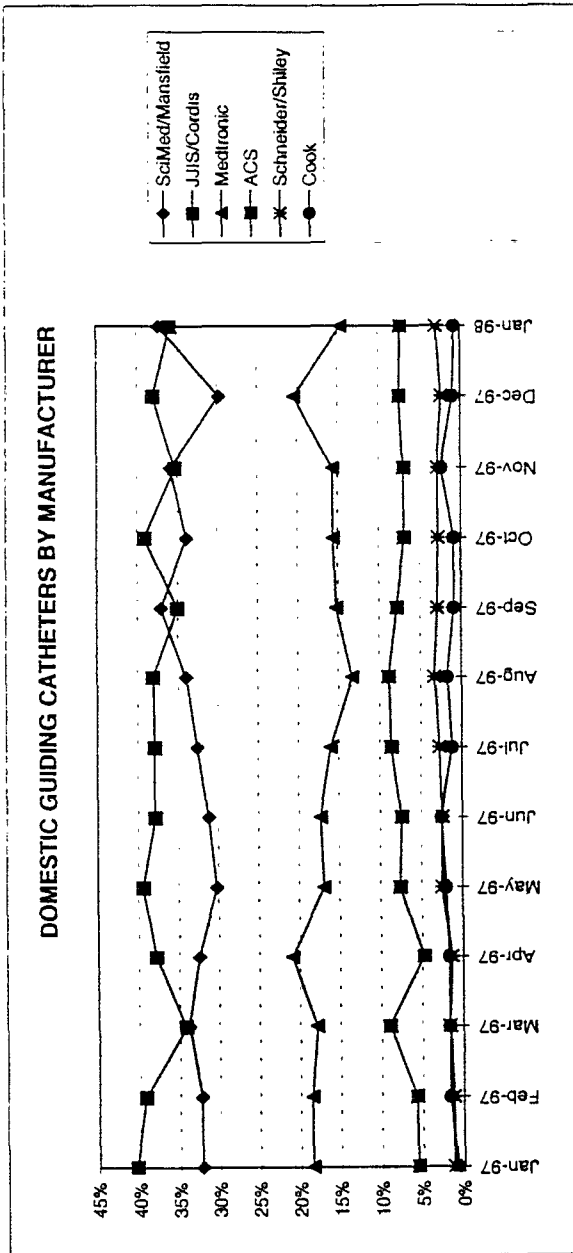
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EXCHANGE DEVICES

Actual Numbers		Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
ACS	DOC	48%	48%	46%	48%	49%	47%	45%	47%	45%	44%	42%	41%	39%
SciMed/Mansfield	Magnet	26%	23%	23%	26%	25%	20%	28%	22%	23%	29%	26%	32%	27%
SciMed/Mansfield	Trapper	12%	9%	10%	13%	10%	15%	9%	10%	16%	12%	15%	10%	12%
JJIS/Cordis	CORDIS TRANSIT													
ACS	Anchor	6%	7%	12%	6%	9%	13%	9%	11%	8%	5%	7%	7%	8%
USCI	Linx	5%	5%	5%	3%	3%	3%	4%	6%	2%	4%	5%	2%	4%
JJIS/Cordis	Cinch	2%	6%	3%	4%	3%	2%	2%	4%	2%	3%	2%	0%	2%

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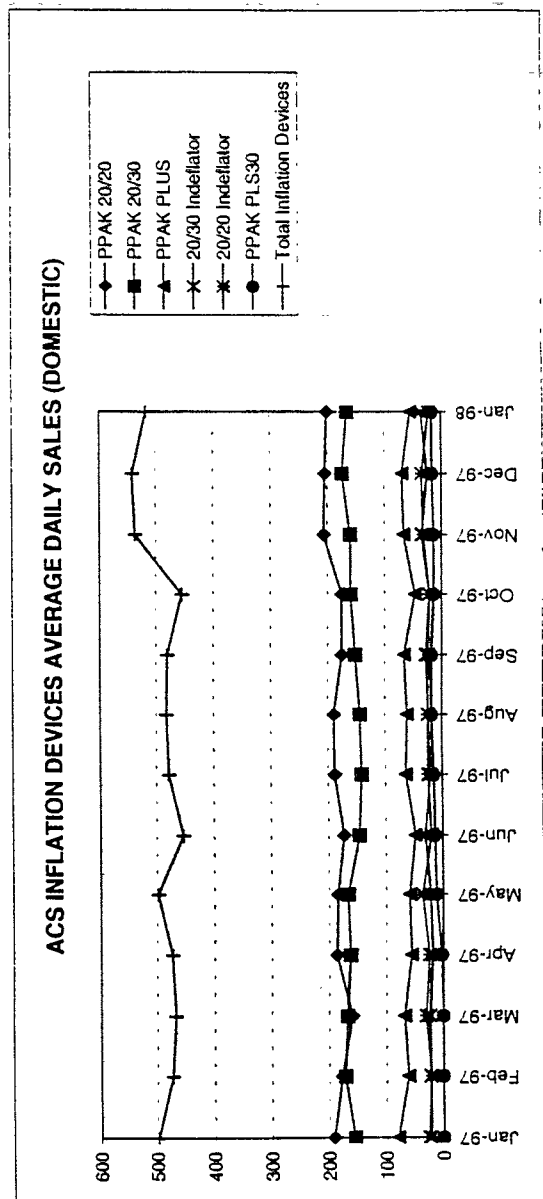
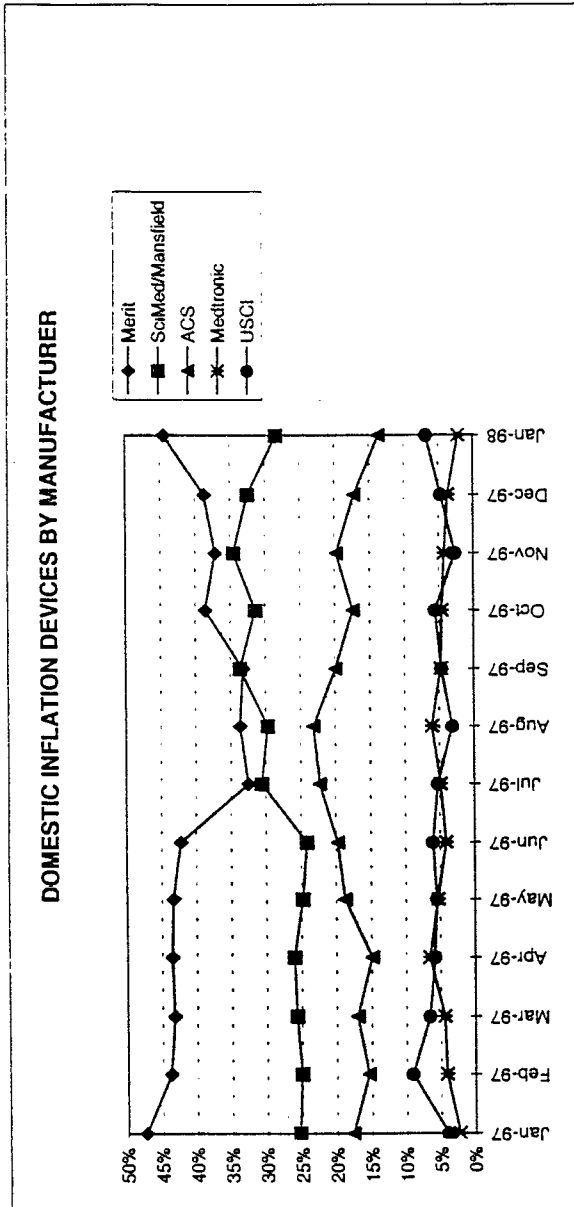
DOMESTIC GUIDING CATHETERS BY MANUFACTURER

Actual Numbers		Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
PRODUCT DETAIL (Top 15)	SciMed/Mansfield JJIS/Cordis Medtronic ACS Schneider/Shiley Cook	32%	32%	34%	33%	30%	31%	33%	34%	37%	34%	36%	30%	37%
	Vista Bright .086/Large Lumen Cyberguide Vector	40%	39%	34%	38%	39%	38%	38%	38%	35%	39%	35%	38%	36%
	Triguide Plus .086/Triguide	19%	19%	18%	21%	17%	17%	16%	13%	15%	16%	16%	20%	15%
	Sherpa Peak Flow .086/Sherpa	6%	6%	9%	5%	8%	7%	9%	9%	8%	7%	7%	8%	7%
	Wiseguide	1%	1%	2%	1%	3%	2%	3%	3%	3%	3%	3%	2%	3%
	Tourguide	1%	2%	2%	2%	2%	3%	1%	2%	1%	1%	2%	1%	1%
	Bright Tip	31%	22%	28%	32%	35%	34%	29%	34%	30%	33%	30%	33%	32%
	Viking	24%	6%	5%	6%	19%	22%	27%	28%	30%	27%	28%	19%	20%
	Large Lumen 8F	5%	6%	5%	3%	5%	4%	4%	4%	6%	6%	5%	7%	8%
	Ascent	5%	6%	4%	1%	3%	2%	2%	2%	3%	2%	2%	1%	6%
	Guidet Petite Bright	8%	8%	8%	9%	7%	10%	7%	6%	7%	5%	7%	11%	5%
ACS	Cook Lumax	5%	5%	7%	4%	6%	6%	6%	1%	1%	2%	3%	5%	5%
	JJIS/Cordis	8%	7%	6%	5%	5%	4%	8%	4%	4%	6%	4%	5%	3%
	ACS	3%	5%	4%	4%	3%	4%	2%	2%	1%	2%	1%	0%	2%
	SciMed/Mansfield	2%	3%	3%	3%	3%	2%	3%	2%	2%	2%	3%	1%	2%
	Medtronic	1%	1%	1%	0%	1%	1%	1%	1%	1%	2%	2%	1%	2%
	Schneider/Shiley	1%	1%	1%	1%	0%	0%	0%	0%	1%	0%	1%	0%	1%
	JJIS/Cordis	0%	1%	1%	2%	2%	2%	1%	1%	1%	1%	2%	1%	1%
	Cook													

ACS GUIDING CATHETERS AVERAGE DAILY SALES (DOMESTIC)

		Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
Viking 8F	Tourguide 8F	186	183	154	156	146	151	184	169	156	156	146	119	112
	Viking 7F												4	29
	Viking 6F											2	5	19
	Tourguide 7F	19	14	5	9	10	11	9	14	13	17	19	17	15
	Tourguide 9F	12	20	16	14	15	16	12	11	8	13	8	7	9
	Tourguide 10F	12	15	10	7	5	6	6	6	5	6	3	4	4
	Tourguide 6F	9	9	8	8	7	5	7	6	7	8	9	8	4
	Other Guiding Caths	5	11	12	12	13	-1	6	3	2	3	3	3	1
	Total Guiding Catheter	243	252	204	205	196	189	225	209	190	203	194	239	285

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DOMESTIC INFLATION DEVICES BY MANUFACTURER

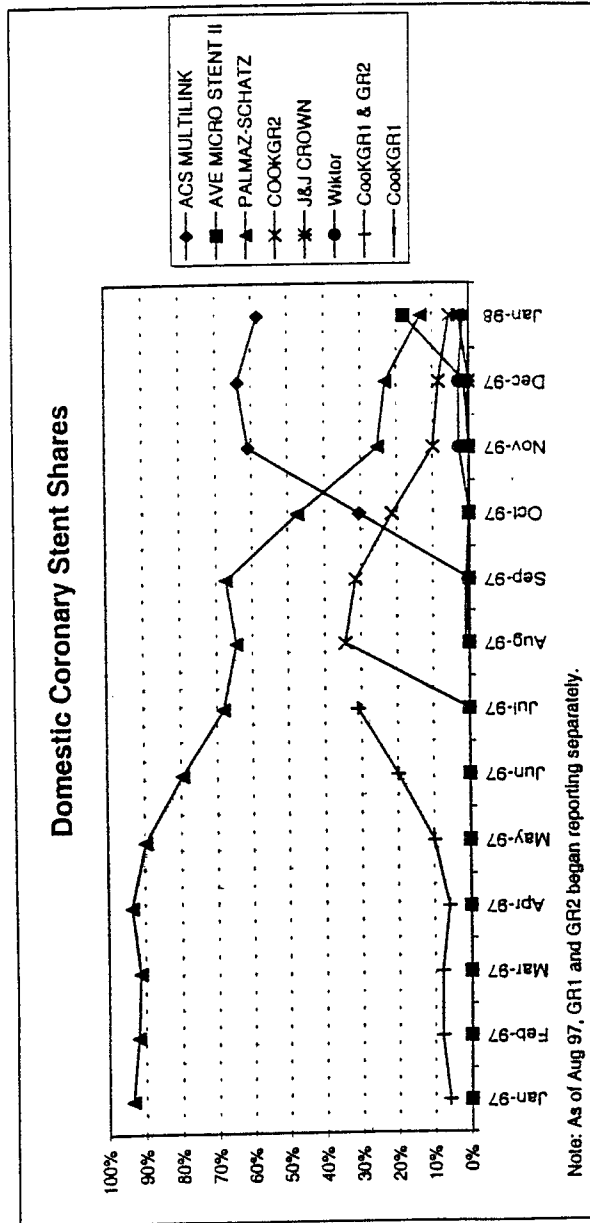
Actual Numbers		Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
SciMed/Mansfield	Merit	47%	44%	43%	44%	43%	43%	42%	33%	34%	33%	37%	39%	45%
	ACS	25%	25%	26%	26%	25%	24%	31%	30%	34%	31%	35%	32%	28%
	USCI	18%	15%	17%	15%	19%	20%	22%	23%	20%	17%	20%	17%	14%
	Medtronic	4%	9%	7%	6%	6%	6%	5%	3%	5%	6%	3%	5%	7%
	Namc	2%	4%	4%	7%	5%	4%	5%	6%	5%	5%	4%	4%	2%
	BRAUN	3%	2%	3%	3%	1%	2%	3%	1%	2%	2%	0%	2%	2%
Morse		0%	0%			0%	1%	0%	1%	1%	1%	1%	1%	1%

INFLATION DEVICE DETAIL		Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
Intellsystem/Intelliflator	Encore	18%	17%	17%	15%	17%	17%	16%	15%	13%	15%	17%	14%	13%
	Advantage	11%	12%	17%	18%	18%	15%	15%	17%	18%	15%	15%	20%	15%
Request (Custom Kit)	Monarch	7%	8%	9%	11%	10%	10%	10%	8%	6%	6%	9%	8%	7%
	Basix	10%	8%	9%	9%	7%	6%	5%	4%	5%	5%	6%	4%	7%
Presto/Plus		4%	6%	6%	5%	5%	5%	2%	2%	4%	6%	2%	3%	6%
	Priority Pack 20/30	1%	1%	3%	1%	4%	2%	2%	5%	4%	5%	6%	5%	6%
Priority Pack 20/20		8%	7%	6%	4%	7%	11%	10%	10%	6%	8%	7%	6%	5%
	Priority Pack Plus 20	5%	5%	5%	6%	5%	5%	6%	6%	6%	3%	5%	4%	3%
Everest		2%	4%	4%	7%	5%	4%	4%	5%	5%	5%	4%	4%	2%
	Breeze	1%	1%	2%	1%	1%	1%	1%	1%	2%	2%	0%	1%	1%
BRAUN INDEFLATOR		0%	0%			0%	0%	0%	0%	1%	0%	0%	0%	1%
	Morse	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%
Wizard		0%	2%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
	Ideal	4%	2%	1%	2%	2%	2%	1%	1%	1%	1%	1%	2%	0%
20/20 Indeflator		1%	0%	2%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
	Indeflator Plus													

ACS INFLATION DEVICES AVERAGE DAILY SALES (DOMESTIC)

	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
PPAK 20/20	192	177	159	187	185	174	189	190	175	176	207	205	201
PPAK 20/30	156	172	168	163	167	146	142	145	152	160	161	175	166
PPAK PLUS	80	61	68	56	59	49	64	61	66	47	66	69	55
20/30 Indeflator	22	23	23	18	22	30	22	23	28	22	35	25	35
IND/IND PLUS	23	19	18	23	19	22	20	21	18	16	22	19	22
20/20 Indeflator	26	21	30	24	36	20	25	25	23	21	32	34	22
PPAK PLS30				3	11	14	15	18	18	14	14	16	16
Total Inflation Devices	499	473	468	474	499	454	478	482	481	455	537	542	517

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2ND GENERATION INTERVENTIONAL DEVICES

ACTUAL NUMBERS	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
All	86%	87%	87%	87%	87%	88%	89%	88%	87%	89%	87%	89%	87%
SciMed/Mansfield	12%	11%	11%	11%	11%	11%	9%	10%	12%	9%	11%	10%	12%
DVI	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	1%
DVIATH													
% of all devices (BDC + All Tech.)	31%	31%	31%	33%	34%	37%	32%	35%	36%	36%	37%	38%	38%

CORONARY STENT SHARE

ACTUAL NUMBERS	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
ACS													
AVE													
JJIS/Cordis	94%	92%	92%	94%	90%	80%	68%	65%	67%	31%	61%	64%	58%
Cook													
JJIS/Cordis													
Medtronic													
Cook	6%	8%	8%	6%	10%	20%	31%	1%	1%				
Cook													
ACS MULTILINK													
AVE MICRO STENT II													
PALMAZ-SCHATZ													
COOKGR2													
J&J CROWN													
Wiktor													
CookGR1 & GR2													
CookGR1													

* As of Aug 1997, the GR1 and GR2 were split.

ACS CORONARY STENT AVERAGE DAILY SALES (DOMESTIC)

	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	Oct-97	Nov-97	Dec-97	Jan-98
ACS Multi-Link										1334	1896	1864	1484
ACS Multi-Link HP													51
Total ACS Coronary Stents										1334	1896	1864	1535

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DIAGNOSTIC CATHETERS													
ACTUAL NUMBERS	Jan 1997	Feb 1997	Mar 1997	Apr 1997	May 1997	Jun 1997	Jul 1997	Aug 1997	Sep 1997	Oct 1997	Nov 1997	Dec 1997	Jan 1998
Cordis/J&J	42%	49%	31%	46%	48%	47%	48%	43%	42%	43%	41%	44%	48%
SciMed/Mansfield	27%	24%	48%	29%	27%	26%	30%	35%	32%	32%	35%	31%	30%
USCI	25%	22%	16%	19%	19%	18%	13%	11%	14%	12%	11%	12%	12%
Medtronic	2%	2%	1%	2%	1%	4%	5%	4%	5%	5%	6%	6%	4%
Mallinckrodt	3%	2%	2%	3%	3%	3%	2%	3%	3%	3%	3%	3%	3%
Namic	1%	0%	1%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Cook			0%	0%	1%	1%	0%	1%	1%	1%	1%	1%	1%
ACS								0%		1%	1%	0%	1%
MediDyne	1%	1%	0%	1%	0%	1%	1%	1%	1%	1%	0%	1%	1%

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Exhibit 2

GUIDANT**January 1999****FEB 24 1999****U.S. Market Overview****VASCULAR INTERVENTION****C O N F I D E N T I A L****Distribution****Senior Staff**

Calfee, Richard	Houston
Graham, G.	S212
Johnson, G.	S121
Larson, B.	T500
Martlage, D.	S211
McInnes, P.	T520
Mead, D.	S232
Murray, M.	S220
Neels, G.	S112
Norton, S.	T200
Pandolfino, E.	S112
Peterson, T.	S214
Simpson, C.	S116

Finance

Bartels, S.	S216
Koford, D.	T120

Business Development

Cummings, C.	S214
Jacobsen, C.	S214
Nemeth, J.	S214
Wallen, R.	S214
Zavelson, L.	S214

Global Marketing

(80 copies)	S112
-------------	------

Directors

Baer, P.	Houston
Bradshaw, T.	Houston
Chludzinski, M.	S238
Crall, C.	T540
Crapenhof, M.	S214
Degois-Sainz, M.	S311
Edison, J.	Houston
Esselstein, B.	T120
Garfield, G.	S214
Hirsch, E.	S214
King, G.	GDT-Jpn
Kitchen, T.	S214
Lott, S.	Houston
Malito, O.	S116
Mondry, M.	S242
Muller, P.	S116
Nayak, V.	S120
Raggi, L.	S216
Saltman, B.	S135
Schneiderman, G.	S214
Sirhan, M.	S238
Spaulding, R.	S232
Thornton, R.	Houston
Walker, S.	S214

Temecula

Winton, B.	T400
Kimes, R.	T520

GSC

Antinori, D. - GDT - SE Ofc.
Baumgardt, J. - GDT HQ, Indy
Blanchard, T. - GDT HQ, Indy
Davis, B. - S001
Ethridge, J. - S001
Harrold, M. - GDT - NE Ofc.
Hopper, P. - S105
Neupert, J. - GDT HQ, Indy
Rhatigan, K. - S001
Rieth, A. - GDT HQ, Indy
Sherman, M. - GDT HQ, Indy

GDT HQ

Garrett, M. - GDT HQ, Indy
Sherman, K. - GDT HQ, Indy

GDT JPN

Asano, K. - GDT JPN
Heilbrunn, D. - GDT JPN
Ito, K. - GDT JPN
Miyashita, A. - GDT JPN
Ohnishi, S. - GDT JPN
Suzuki, K. - GDT JPN



Please forward questions regarding this distribution list to Linh Ho, ext. 53585

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C U I D A N I

Vascular Intervention

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USMO Executive Summary

January 1999

Coronary Stents

Average Daily Sales (Units)				Manufacturer	Share	Change
	Dec	Jan	% Chg.	Guidant	52%	(+3 pp)
Market*	3280	3322	1%	Boston Scientific	28%	(-3 pp)
Guidant	1760	1779	1%	AVE	16%	stable
				JJIS/Cordis	3%	(-1 pp)

Top Selling Coronary Stent: ACS ML Duet 48% (+5pp)

* Market ADS is calculated using ACS unit share and ACS units sold with adjustments for inventory levels.

Dilatation Catheter Business

Market Average Daily Sales (Units)**				Guidant Average Daily Sales (Units)			
	Dec	Jan	% Chg.	Segment	Dec	Jan	% Change
	3947	3652	-7%	RX	859	823	-4%
				OTW	243	238	-2%
				Perfusion	54	52	-3%
				IS	-	-	n/a
					1,156	1,114	-4%

**Market ADS is calculated using rolling ACS share

of units used from cath lab panel and rolling ACS units sold.

In January, SciMed/Schneider (59%) lost 3 pp. Guidant (31%) gained 2 pp. JJIS/Cordis (6%) lost 1 pp and Medtronic/USCI/AVE (3%) gained 1 pp.

Top Selling Dilatation Catheter: Scimed Ranger (20%, -2pp).

Dilatation Catheter Market Segments

Market Segment Mix

OTW	63%	(-3 pp)	Perfusion	2%	(stable)
RX	33%	(+2 pp)	IS	2%	(stable)

Over-the-Wire

Manufacturer	Share	Change
SciMed/Schneider	75%	(-2 pp)
JJIS/Cordis	10%	(stable)
Guidant	10%	(stable)
Medtronic/USCI/AVE	4%	(+1 pp)

Top Product: SciMed Ranger (33%, -1 pp)

Comments: SciMed/Schneider lost 2pp while Medtronic/USCI/AVE gained 1pp. Guidant and Cordis were stable.

Rapid Exchange

Manufacturer	Share	Change
Guidant	71%	(+1 pp)
SciMed/Schneider	29%	(-1 pp)

Top Product: ACS Rocket (61%, stable)

Comments: Guidant gained 1pp while Scimed/Schneider lost 1 pp.

High Pressure/Non-Compliant & Extended Pressure/Front-line

HP/NC (RBP > 14 ATM) as % of Business

Nov	Dec	Jan
39%	37%	37%

Ext. Pressure (RBP = 9-14 ATM) as % of Business

Nov	Dec	Jan
57%	59%	56%

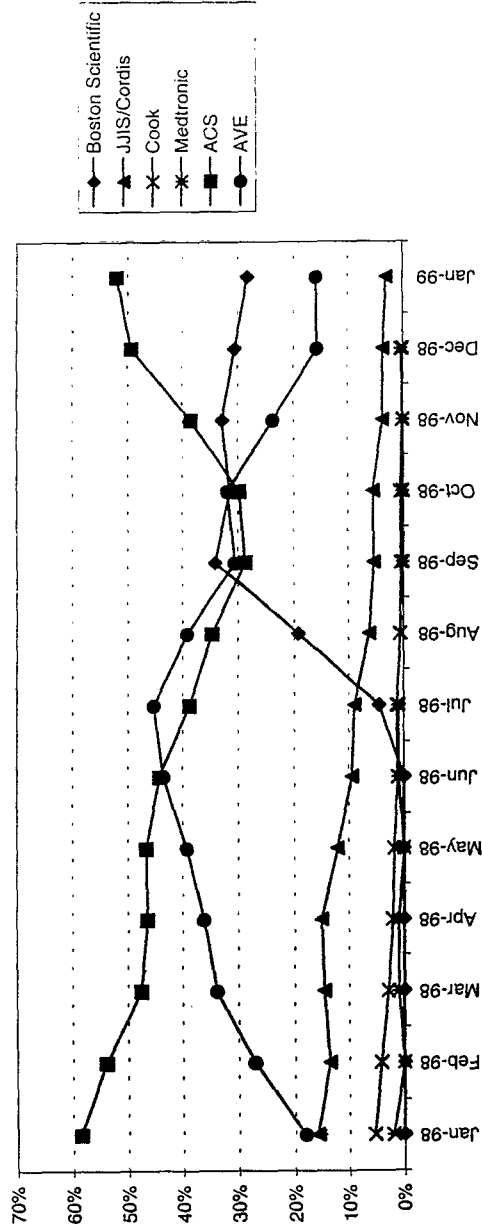
Guide Wires

Manufacturer	Share	Change
Guidant	60%	(+1 pp)
SciMed/Schneider	30%	(stable)
Cordis	6%	(-1 pp)
Medtronic/AVE/USCI	2%	(stable)

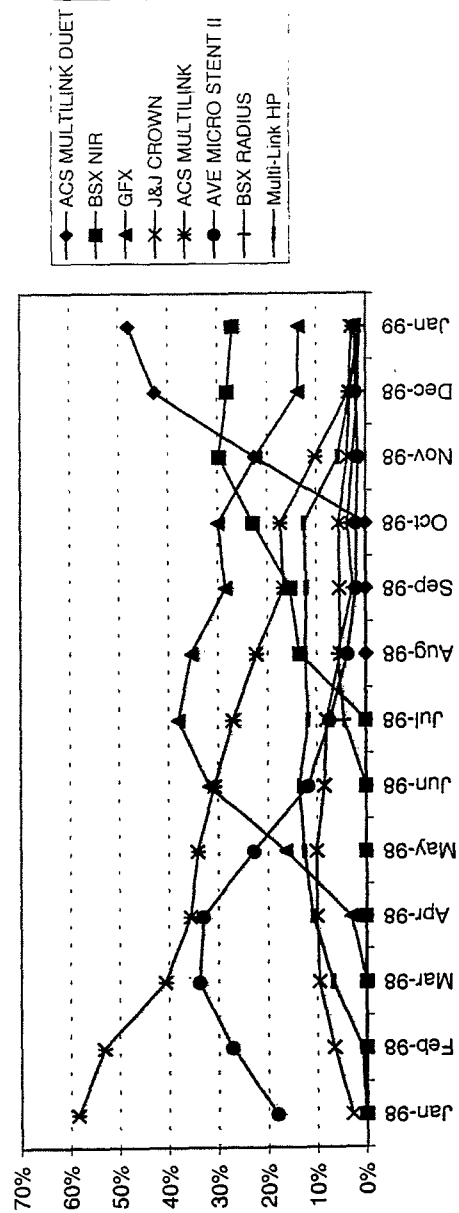
Guiding Catheters

Manufacturer	Share	Change
SciMed/Schneider	38%	(-1 pp)
JJIS/Cordis	33%	(+1 pp)
Guidant	16%	(stable)
MDT/AVE/USCI	12%	(stable)

Domestic Coronary Stent Shares By Manufacturer



Domestic Coronary Stent Shares



2ND GENERATION INTERVENTIONAL DEVICES

ACTUAL NUMBERS	Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
All	87%	89%	91%	91%	92%	92%	91%	92%	92%	92%	92%	92%	93%
BSX/SciMed/Schneider	12%	10%	8%	9%	7%	7%	8%	8%	7%	8%	7%	7%	7%
ROTABLATOR													
% of all devices (BDC + Alt. Tech.)	38%	40%	40%	41%	42%	43%	43%	45%	46%	44%	45%	46%	47%

CORONARY STENT SHARE BY MANUFACTURER

ACTUAL NUMBERS	Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
ACS	59%	54%	48%	47%	47%	44%	39%	35%	29%	30%	39%	49%	52%
Boston Scientific							5%	19%	34%	32%	33%	31%	28%
AVE	18%	27%	34%	36%	39%	44%	45%	39%	31%	32%	24%	16%	16%
JJIS/Cordis	16%	14%	15%	15%	12%	10%	9%	6%	5%	5%	4%	4%	3%
Cook	5%	4%	3%	2%	2%	1%	1%	1%	0%	1%	0%	0%	0%
Medtronic	2%		1%	1%		1%	1%						

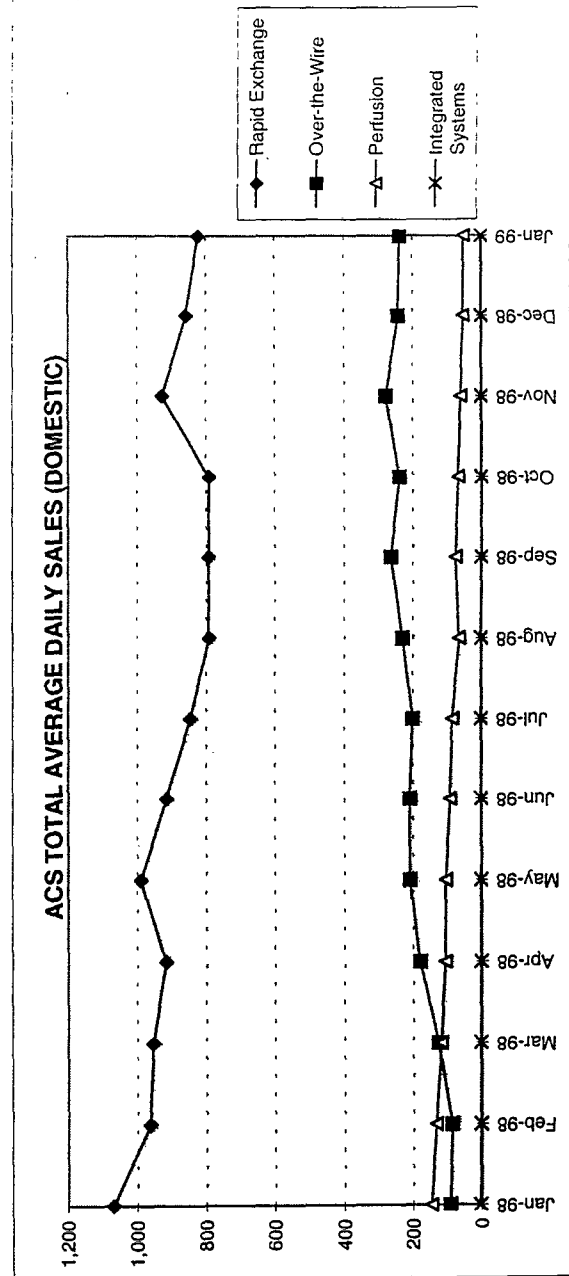
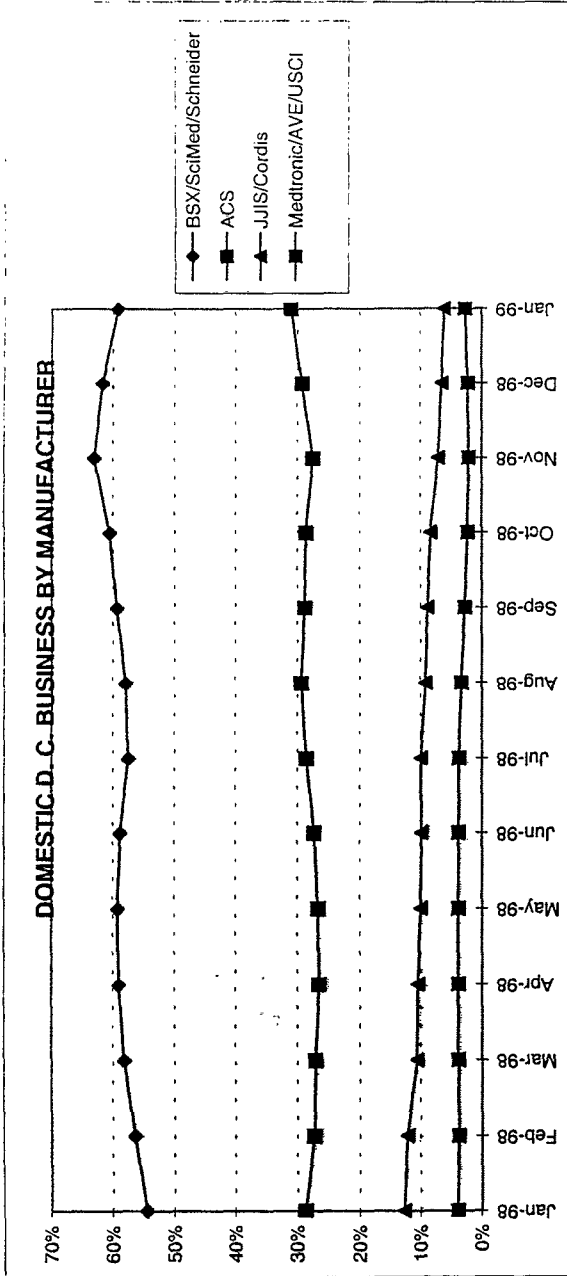
CORONARY STENT SHARE

ACTUAL NUMBERS	Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
ACS													
BSX/SciMed/Schneider	3%	7%	10%	3%	16%	32%	38%	35%	29%	23%	30%	28%	27%
Medtronic/AVE/USCI													
JJIS/Cordis	58%	53%	41%	36%	34%	31%	27%	22%	17%	17%	10%	4%	3%
ACS	18%	27%	34%	33%	23%	12%	7%	4%	2%	2%	1%	2%	2%
Medtronic/AVE/USCI													
BSX/SciMed/Schneider	0%	1%	7%	11%	13%	14%	12%	12%	12%	13%	6%	3%	1%
ACS													
BSX/SciMed/Schneider	13%	7%	5%	5%	2%	1%	1%	1%			1%	1%	0%
JJIS/Cordis	5%	4%	3%	2%	2%	1%	1%	1%					
Cook	2%		1%	1%		1%	1%						
Medtronic/AVE/USCI													

As of Sept 98, the NIR Share was split to NIR and NIR w/SOX

ACS CORONARY STENT AVERAGE DAILY SALES (DOMESTIC)

	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
ACS Multi-Link Duet	1,484	1,210	1,071	980	982	825	716	566	447	371	938	1,690	1738
ACS Multi-Link	51	258	361	447	480	442	420	423	435	434	239	40	28
ACS Multi-Link HP													
Total ACS Coronary Stents	1,535	1,469	1,432	1,428	1,462	1,268	1,136	988	882	805	1,417	1,760	1779



DOMESTIC D. C. BUSINESS BY MANUFACTURER

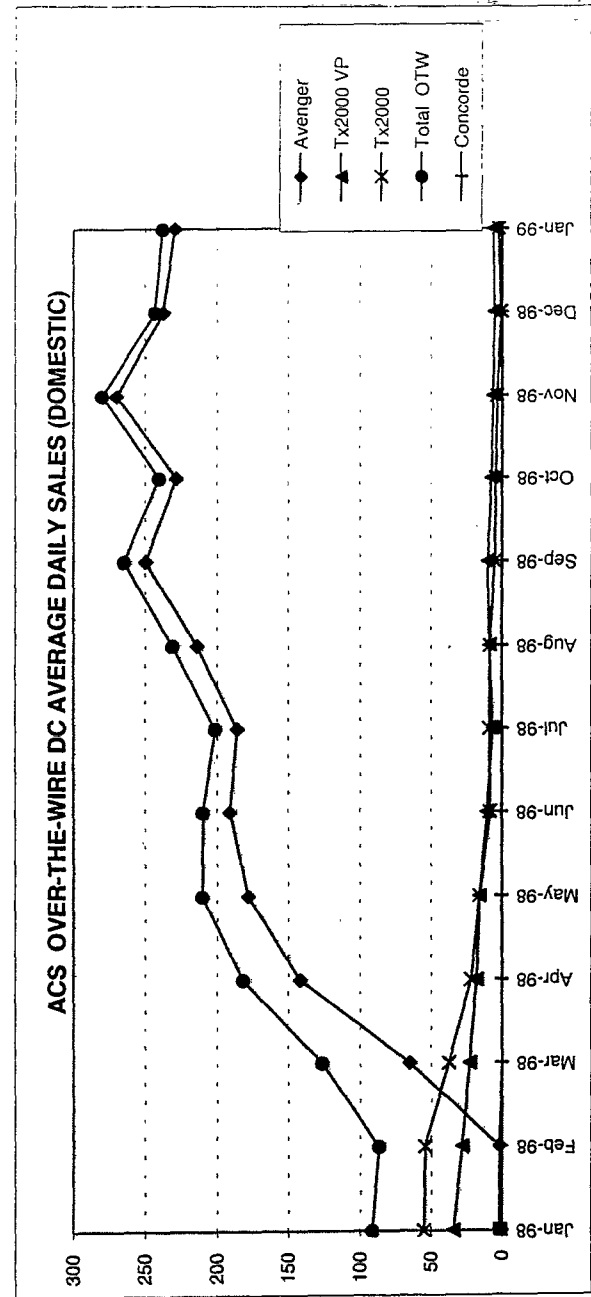
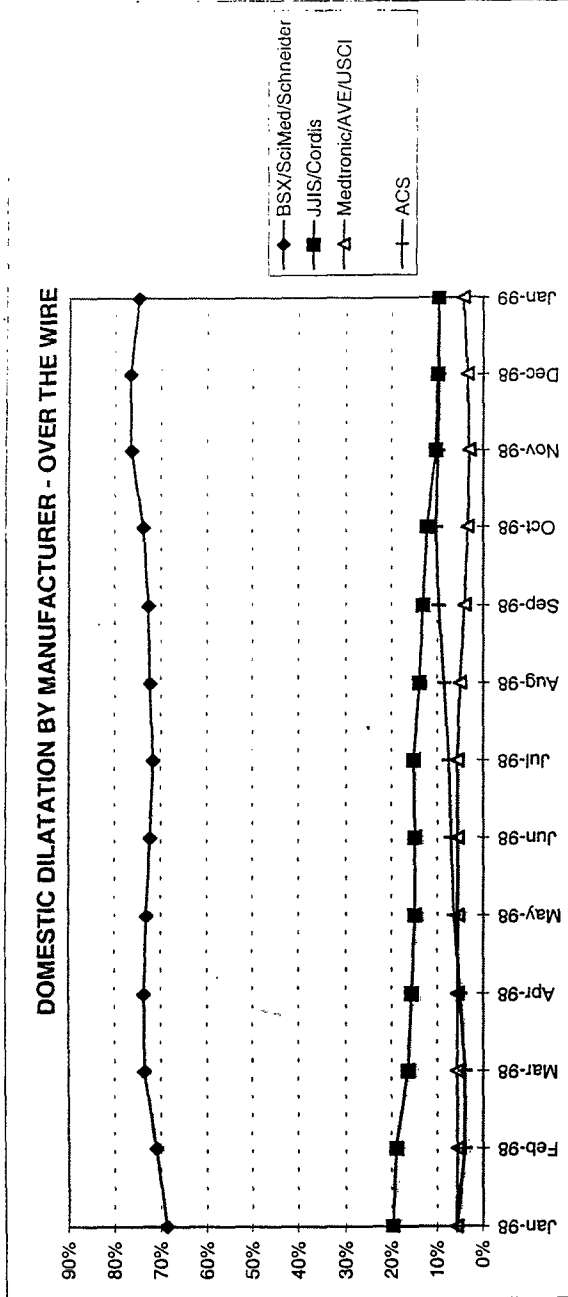
MANUFACTURER	2 Months Rolling Avg.	Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
	BSX/SciMed/Schneider	55%	56%	58%	59%	59%	59%	58%	58%	59%	61%	63%	62%	59%
	ACS	29%	27%	27%	27%	27%	27%	29%	29%	29%	29%	28%	29%	31%
	JJIS/Cordis	13%	12%	11%	10%	10%	10%	10%	9%	9%	8%	7%	7%	6%
	Medtronic/AVE/USCI	4%	4%	4%	4%	4%	4%	4%	3%	3%	2%	2%	2%	3%

DOMESTIC D. C. BUSINESS BY SEGMENT

Over the Wire	64%	64%	65%	67%	67%	67%	67%	66%	66%	67%	68%	69%	66%	63%
Rapid Exchange	30%	31%	30%	28%	28%	28%	29%	30%	30%	29%	28%	28%	31%	33%
Integrated Systems	2%	1%	1%	2%	2%	2%	1%	1%	1%	2%	2%	1%	2%	2%
Perfusion	4%	4%	4%	3%	3%	3%	3%	3%	2%	2%	2%	2%	2%	2%

ACS TOTAL AVERAGE DAILY SALES (DOMESTIC)

	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
Rapid Exchange	1,070	963	954	917	990	917	847	793	793	793	929	859	823
Over-the-Wire	92	87	127	182	210	210	201	231	265	240	280	243	238
Perfusion	147	134	119	107	105	91	85	66	76	69	61	54	52
Integrated Systems	3	2	3	3	1	0							
Total ADS	1,312	1,186	1,202	1,209	1,306	1,218	1,133	1,090	1,134	1,102	1,269	1,156	1,114



DOMESTIC DILATATION BY MANUFACTURER - OVER THE WIRE

Over-The-Wire	2 Months Rolling Avg.											
	Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998
BSX/SciMed/Schneider	69%	71%	74%	74%	73%	72%	72%	72%	73%	74%	77%	77%
JJIS/Cordis	20%	19%	16%	16%	15%	15%	15%	14%	13%	12%	10%	10%
ACS	6%	4%	4%	5%	6%	7%	7%	9%	10%	10%	10%	10%
Medtronic/AVE/USCI	6%	6%	6%	6%	6%	6%	6%	5%	4%	3%	3%	4%
OTW AS A PERCENT OF BUSINESS	64%	64%	65%	67%	67%	67%	66%	66%	67%	68%	69%	66%
												63%

DOMESTIC DILATATION BY COMMODITY - OVER THE WIRE

OTW Systems (Top 10)	Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1999
*Ranger	28%	28%	28%	29%	30%	30%	28%	28%	29%	30%	32%	34%	33%
Quantum Ranger	9%	10%	13%	14%	16%	18%	20%	19%	20%	21%	21%	19%	19%
NC Ranger	16%	15%	14%	12%	12%	11%	11%	13%	12%	12%	14%	14%	13%
Avenger			0%	2%	4%	5%	6%	7%	9%	9%	9%	9%	9%
Charger	8%	9%	9%	8%	7%	7%	7%	6%	6%	6%	5%	4%	4%
*PREDATOR	2%	2%	2%	3%	3%	3%	3%	4%	4%	3%	3%	3%	3%
*BANDIT	7%	7%	7%	6%	6%	6%	5%	5%	5%	4%	3%	3%	3%
Bandit NC	7%	7%	8%	8%	6%	4%	4%	4%	3%	3%	3%	3%	3%
NC Ranger Big	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	2%
ACHIEVER											0%	1%	1%
Ninja													1%
*TITAN	3%	2%	2%	2%	2%	2%	1%	2%	2%	1%	1%	1%	1%
Apollo	0%	1%	1%	2%	2%	2%	3%	3%	2%	2%	1%	1%	1%
Neptune												0%	1%
Takumi												1%	1%
Valor	2%	2%	2%	1%	1%	2%	2%	1%	1%	1%	1%	1%	1%

ACS OVER-THE-WIRE DC AVERAGE DAILY SALES (DOMESTIC)

	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1999
Avenger	34	28	23	18	16	10	7	9	10	8	6	5	6
Tx2000 VP	55	54	38	22	16	8	9	8	5	4	4	1	2
Tx2000													
Concorde	2	2	(0)		0			(0)				(0)	
Endura	0	0	0	0	0			(0)					
Other OTW	0	0	0	0	1	0	0	0					(0)
Total OTW	92	87	127	182	210	210	201	231	265	240	280	243	238

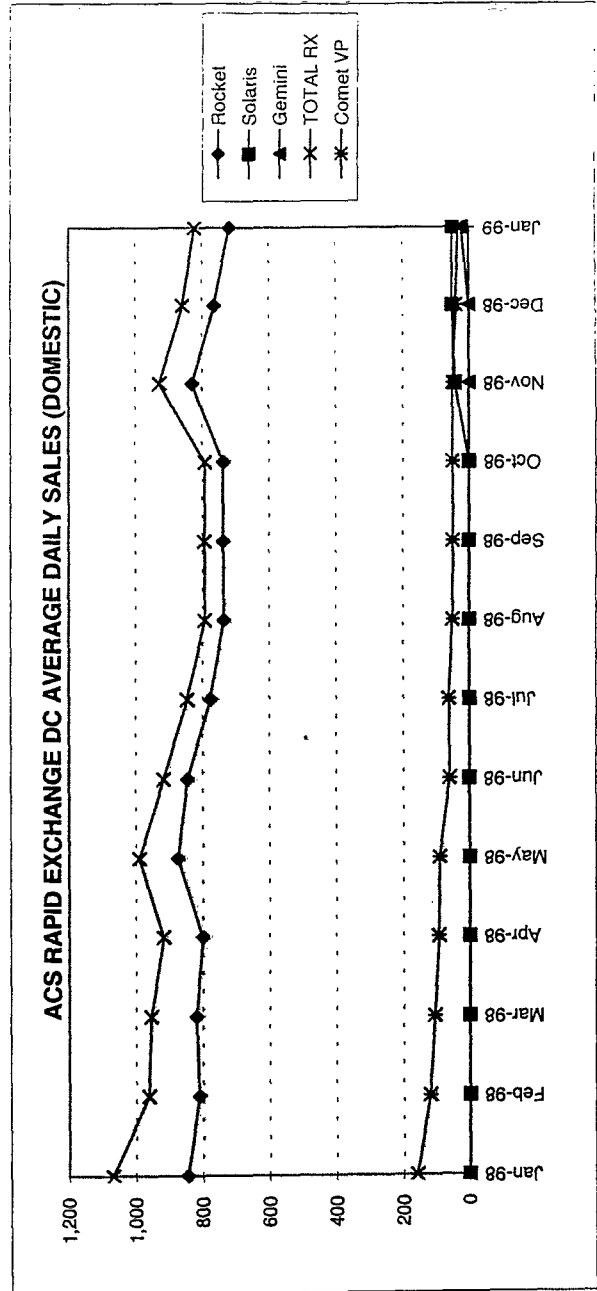
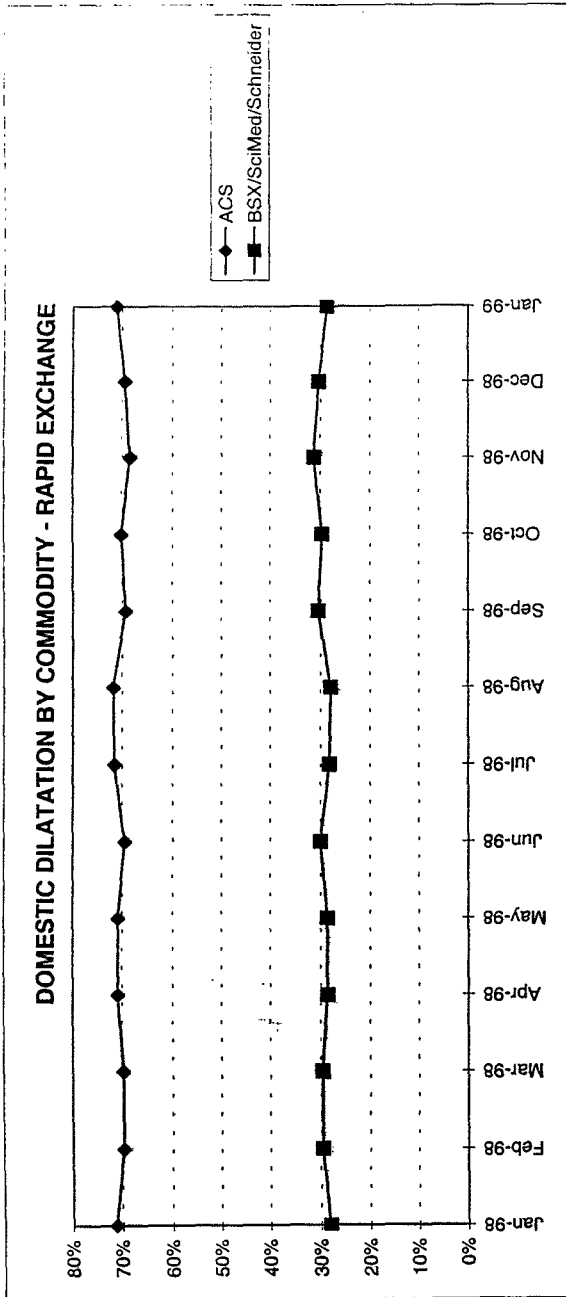
*Designates a PRODUCT FAMILY containing long and/or short balloons

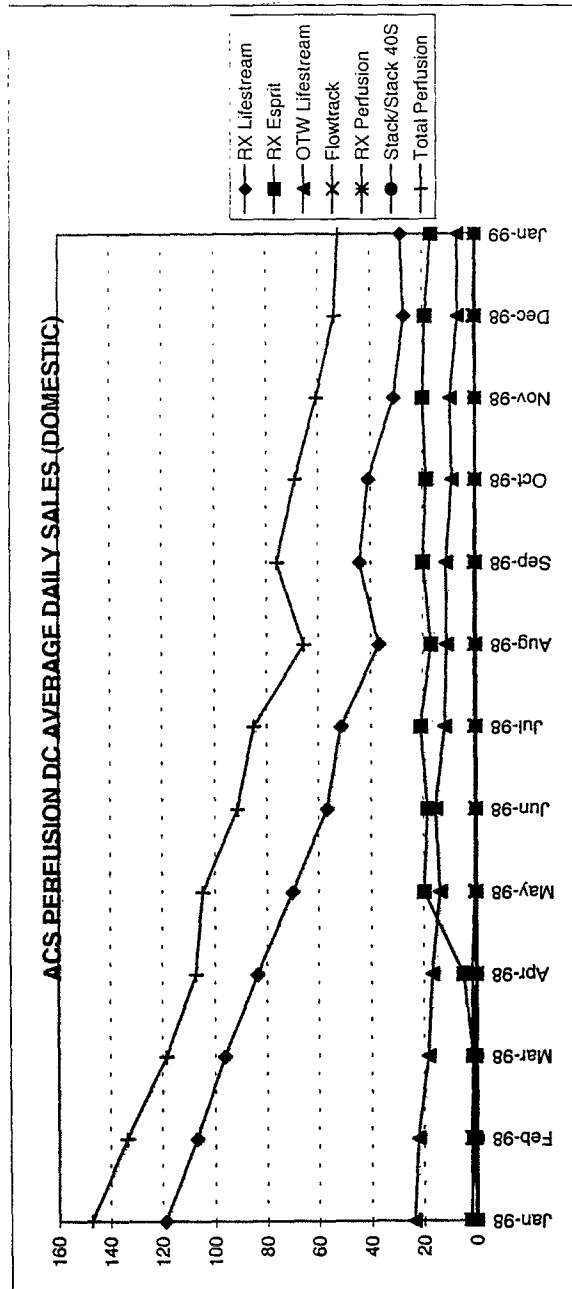
ROLLING 14 OTW DETAIL PRODUCT MIX

OTW-14		2 Months Rolling Avg.												Jan 1999	
		Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998		
BSX/SciMed/Schneider	*Ranger	29%	29%	29%	30%	31%	30%	29%	29%	30%	31%	33%	35%	34%	
BSX/SciMed/Schneider	Quantum Ranger	9%	10%	13%	15%	16%	19%	20%	20%	21%	22%	21%	20%	19%	
BSX/SciMed/Schneider	NC Ranger	17%	16%	14%	13%	13%	12%	11%	13%	13%	12%	14%	14%	13%	
ACS	Avenge			0%	2%	4%	5%	6%	8%	9%	9%	9%	9%	9%	
JJIS/Cordis	Charger		10%	9%	8%	7%	7%	8%	6%	6%	6%	5%	4%	4%	
JJIS/Cordis	*PREDATOR		2%	3%	3%	3%	3%	3%	4%	4%	3%	3%	3%	3%	
BSX/SciMed/Schneider	*BANDIT		7%	7%	6%	6%	6%	5%	5%	5%	4%	3%	3%	3%	
BSX/SciMed/Schneider	Bandit NC		7%	8%	9%	6%	4%	5%	4%	3%	3%	3%	3%	3%	
BSX/SciMed/Schneider	NC Ranger Big		0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	2%	
Medtronic/AVE/USCI	ACHIEVER											0%	1%	2%	
Cordis/J&J	Ninja														
Medtronic/AVE/USCI	Apollo		0%	1%	2%	2%	3%	3%	3%	2%	2%	1%	1%	1%	
Medtronic/AVE/USCI	Neptune												0%	1%	
JJIS/Cordis	Valor		2%	2%	1%	1%	2%	2%	1%	1%	1%	1%	1%	1%	
BSX/SciMed/Schneider	Asuka		2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	
JJIS/Cordis	*TRAKSTAR		1%	1%	0%	1%	1%	1%	1%	1%	1%	1%	1%	0%	
ACS	Tx2000 VP		2%	1%	2%	1%	1%	1%	1%	1%	1%	1%	1%	0%	
Medtronic/AVE/USCI	*Evergreen		2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	
OTW-14 AS PERCENT OF ALL OTW		97%	97%	97%	97%	97%	97%	97%	97%	98%	98%	98%	98%	98%	
OTW-14 AS PERCENT OF BUSINESS		63%	62%	64%	65%	65%	64%	64%	64%	66%	68%	67%	62%	62%	

ROLLING OTW MIX FOR ALL COMMODITIES

	2 Months Ending	Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
BSX/SciMed/Schneider	*Ranger	28%	28%	28%	29%	30%	30%	28%	28%	29%	30%	32%	34%	33%
BSX/SciMed/Schneider	Quantum Ranger	9%	10%	13%	14%	16%	18%	20%	19%	20%	21%	21%	19%	19%
BSX/SciMed/Schneider	NC Ranger	16%	15%	14%	12%	12%	11%	11%	13%	12%	12%	14%	14%	13%
ACS	Avenger			0%	2%	4%	5%	6%	7%	9%	9%	9%	9%	9%
JJIS/Cordis	Charger	8%	9%	9%	8%	7%	7%	7%	6%	6%	6%	5%	4%	4%
JJIS/Cordis	*PREDATOR	2%	2%	2%	3%	3%	3%	3%	4%	4%	3%	3%	3%	3%
BSX/SciMed/Schneider	*BANDIT	7%	7%	7%	6%	6%	6%	5%	5%	5%	4%	3%	3%	3%
BSX/SciMed/Schneider	Bandit NC	7%	7%	8%	8%	6%	4%	4%	4%	3%	3%	3%	3%	3%
BSX/SciMed/Schneider	NC Ranger Big	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	2%
Medtronic/AVE/USCI	*ACHIEVER											0%	1%	2%
Cordis/J&J	Ninja													1%
JJIS/Cordis	*TITAN	3%	2%	2%	2%	2%	2%	1%	2%	2%	1%	1%	1%	1%
Medtronic/AVE/USCI	Apollo	0%	1%	1%	2%	2%	2%	3%	3%	2%	2%	1%	1%	1%
Medtronic/AVE/USCI	Neptune				0%	1%	1%	1%	1%	1%	1%	1%	0%	1%
BSX/SciMed/Schneider	Takumi					1%	1%	1%	1%	1%	1%	1%	1%	1%
JJIS/Cordis	Valor	2%	2%	2%	1%	1%	2%	2%	1%	1%	1%	1%	1%	1%
BSX/SciMed/Schneider	Asuka	2%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
JJIS/Cordis	*TRAKSTAR	1%	1%	1%	0%	1%	1%	1%	1%	1%	1%	1%	1%	0%
ACS	Tx2000 VP	2%	1%	1%	2%	1%	1%	1%	1%	1%	1%	1%	1%	0%
Medtronic/AVE/USCI	*Evergreen	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	0%





DOMESTIC DILATATION BY MANUFACTURER - PERFUSION

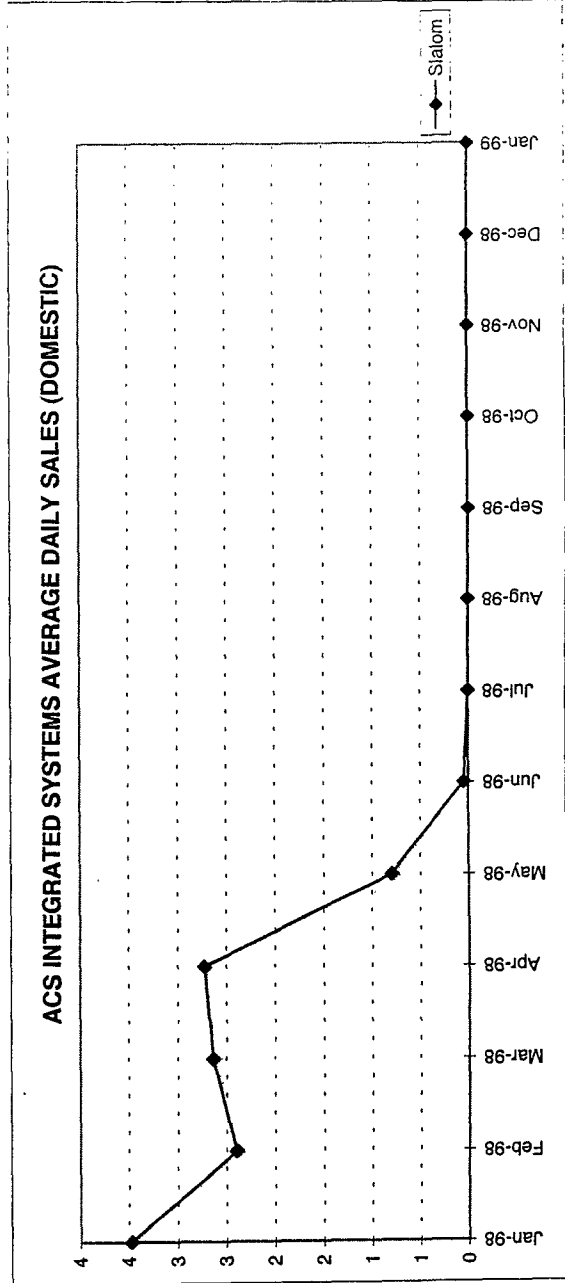
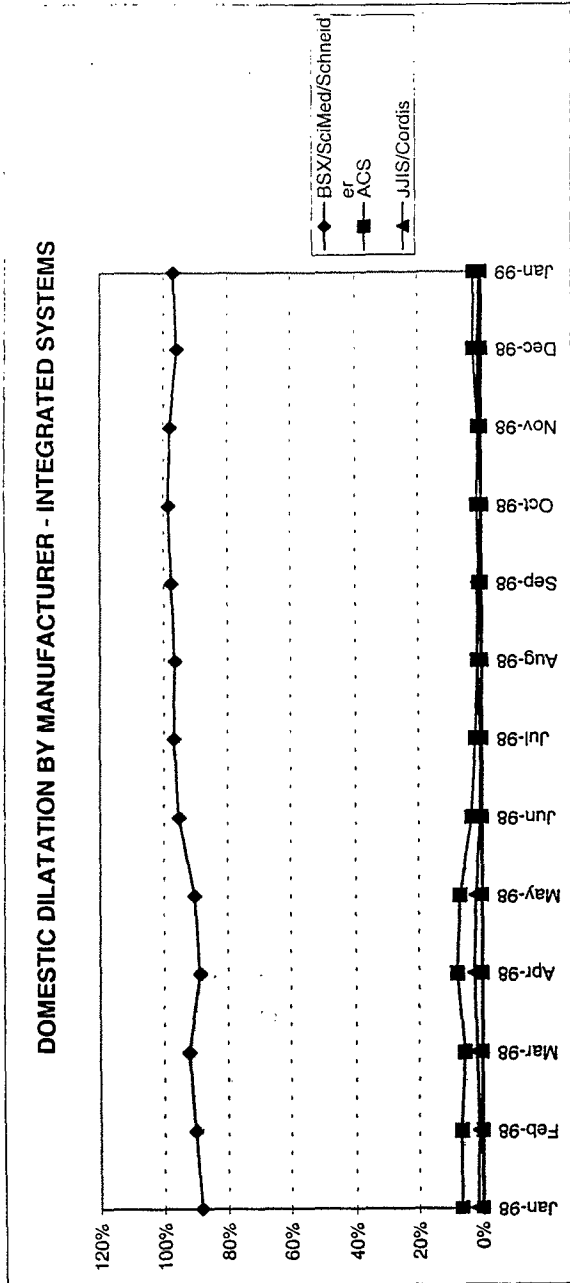
Perfusion	2 Months Rolling Avg.	Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
ACS		89%	89%	89%	88%	80%	80%	84%	87%	90%	87%	84%	80%	83%
BSX/SciMed/Schneider		11%	11%	11%	12%	20%	20%	16%	13%	10%	13%	16%	20%	17%
PERFUSION AS A PERCENT OF BUSINESS		2%	1%	1%	2%	2%	1%	1%	1%	2%	2%	1%	2%	2%

DOMESTIC DILATATION BY COMMODITY - PERFUSION

ACS	*LIFESTREAM	68%	74%	69%	66%	57%	43%	39%	37%	41%	37%	29%	29%	33%
ACS	RX Esprit				1%	7%	20%	23%	22%	23%	16%	21%	29%	32%
BSX/SciMed/Schneider	Surpass				11%	19%	20%	15%	12%	10%	13%	16%	19%	16%
ACS	OTW Lifestream	10%	11%	10%	14%	11%	12%	14%	14%	14%	14%	12%	19%	15%
	*RX PERFUSION	9%	9%	3%	4%	3%	4%	7%	7%	4%	19%	19%	2%	2%
BSX/SciMed/Schneider	Wave	1%	0%	1%	1%	1%	0%	1%	1%	1%	0%	0%	1%	1%

ACS PERFUSION DC AVERAGE DAILY SALES (DOMESTIC)

	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
RX Lifestream	119	107	96	84	70	57	51	37	44	41	31	27	28
RX Esprit	2	1	2	5	20	19	21	17	20	19	20	19	17
OTW Lifestream	24	22	18	17	14	16	12	11	11	9	10	7	7
Flowtrack	2	2	2	2	1	0	1	1	1	0	0	1	0
RX Perfusion	0	1	1										
Stack/Stack 40S			0										
Total Perfusion	147	134	119	107	105	91	85	66	76	69	61	54	52



DOMESTIC DILATATION BY MANUFACTURER - INTEGRATED SYSTEMS

Integrated	2 Months Rolling Avg.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
		1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998
BSX/SciMed/Schneider ACS JJIS/Cordis		88%	90%	92%	89%	91%	95%	97%	97%	98%	99%	98%	96%	97%
		7%	7%	5%	8%	7%	3%	2%	1%	1%	1%	1%	3%	2%
		2%	1%	2%	3%	2%	1%	0%	1%	1%	1%	1%	1%	0%
INT. AS A PERCENT OF BUSINESS		4%	4%	4%	3%	3%	3%	3%	2%	2%	2%	2%	2%	2%

DOMESTIC DILATATION BY COMMODITY - INTEGRATED SYSTEMS

Integrated Systems		1998											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BSX/SciMed/Schneider BSX/SciMed/Schneider BSX/SciMed/Schneider ACS JJIS/Cordis	*ACE	66%	71%	65%	62%	67%	76%	83%	83%	78%	75%	73%	68%
	Pivot	15%	15%	24%	22%	16%	13%	9%	8%	11%	15%	16%	20%
	Graff Ace	7%	4%	4%	5%	7%	6%	4%	6%	8%	8%	9%	8%
	Slatom	7%	7%	5%	8%	7%	3%	2%	1%	1%	1%	1%	3%
	Lightning	1%	1%	1%	1%	0%	1%	0%	1%	1%	1%	1%	1%

ACS INTEGRATED SYSTEMS AVERAGE DAILY SALES (DOMESTIC)

	1998											
	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98
Slatom	3	2	3	3	1	0						
Total Int. Sys.	3	2	3	3	1	0						

MONTHLY MARKET SHARE FOR HIGH PRESSURE/NON-COMPLIANT BALLOONS (RBP > 14 ATMS)

OVER-THE-WIRE		Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
BSX/SciMed/Schneider	Quantum Ranger	9%	11%	15%	14%	17%	19%	20%	19%	21%	21%	20%	19%	19%
BSX/SciMed/Schneider	NC Ranger	16%	15%	12%	12%	12%	11%	11%	14%	11%	13%	15%	13%	14%
JJIS/Cordis	Charger	10%	9%	9%	7%	7%	7%	7%	5%	7%	6%	4%	4%	3%
BSX/SciMed/Schneider	Bandit NC	7%	7%	9%	8%	4%	4%	5%	4%	3%	4%	3%	3%	3%
BSX/SciMed/Schneider	NC Ranger Big	0%	0%	1%	1%	1%	1%	1%	1%	1%	2%	1%	2%	2%
JJIS/Cordis	TITAN	2%	2%	2%	2%	2%	2%	1%	2%	1%	1%	1%	1%	1%
ACS	Tx2000 VP	1%	1%	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%	0%
HP/NC OTW AS A % OF OTW		50%	47%	51%	47%	46%	47%	47%	47%	45%	48%	45%	43%	43%
HP/NC OTW AS A % OF BUSINESS		33%	30%	33%	32%	31%	31%	31%	31%	31%	33%	31%	27%	27%
RAPID EXCHANGE														
BSX/SciMed/Schneider	Bonnie	12%	15%	14%	14%	18%	18%	14%	21%	20%	19%	21%	16%	15%
ACS	ACS RX SOLARIS											0%	5%	5%
BSX/SciMed/Schneider	MAXXUM	8%	10%	6%	6%	4%	4%	5%	4%	3%	10%	3%	1%	3%
ACS	Comet VP											3%	3%	2%
HP/NC RX AS A % OF RX		24%	27%	21%	23%	24%	24%	20%	26%	24%	30%	27%	29%	29%
HP/NC RX AS A % OF BUSINESS		7%	8%	6%	6%	7%	7%	6%	8%	7%	8%	8%	9%	9%
TOTAL HP/NC BALLOONS AS A % OF BUSINESS		40%	38%	40%	38%	37%	38%	37%	39%	38%	42%	39%	37%	37%

MONTHLY MARKET SHARE FOR HP/NC SHORT BALLOONS (% of all BDC)

		Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
BSX/SciMed/Schneider	Bandit NC	5%	4%	6%	5%	3%	3%	3%	3%	2%	2%	2%	2%	2%
HP/NC SHORT BALLOONS AS A % OF ALL BDC		5%	4%	6%	5%	3%	3%	3%	3%	2%	2%	2%	2%	2%

MONTHLY MARKET SHARE FOR EXTENDED PRESSURE BALLOONS (RBP = 9-14 ATMs)

OVER-THE-WIRE	Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
	27%	29%	27%	30%	30%	29%	27%	28%	30%	30%	34%	34%	32%
BSX/SciMed/Schneider													
ACS													
*Ranger													
Avenger													
*BANDIT													
BSX/SciMed/Schneider	7%	7%	7%	5%	6%	6%	5%	5%	5%	4%	3%	4%	3%
JJIS/Cordis	2%	3%	2%	4%	3%	3%	3%	4%	3%	3%	3%	4%	3%
*PREDATOR													
Ninja													
Cordis/J&J													
Medtronic/AVE/USCI	1%	1%	2%	2%	2%	3%	3%	2%	2%	1%	2%	1%	2%
BSX/SciMed/Schneider	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Asuka	2%	2%	2%	1%	1%	2%	1%	1%	1%	1%	0%	1%	0%
JJIS/Cordis	2%	2%	2%	1%	1%	2%	1%	1%	1%	1%	0%	1%	0%
Valor													
BSX/SciMed/Schneider													
Takumi													
EXTENDED PRESSURE OTW AS A % OF OTW	45%	48%	46%	50%	52%	51%	50%	51%	53%	50%	52%	55%	53%
EXTENDED PRESSURE OTW AS A % OF BUSINESS	30%	31%	30%	33%	35%	34%	33%	34%	36%	34%	36%	35%	33%

RAPID EXCHANGE

ACS	55%	55%	59%	62%	63%	63%	68%	64%	66%	59%	60%	62%	59%
ACS	6%	4%	5%	2%	3%	2%	2%	2%	1%	1%	3%	2%	3%
BSX/SciMed/Schneider	6%	7%	5%	5%	3%	5%	4%	5%	5%	3%	6%	3%	2%
ACS													
Goldie													
Viva													
RX Gemini													
EXTENDED PRESSURE RX AS A % OF RX	71%	69%	73%	71%	71%	72%	76%	71%	72%	65%	69%	69%	67%
EXTENDED PRESSURE RX AS A % OF BUSINESS	21%	22%	21%	20%	20%	21%	23%	21%	21%	18%	20%	23%	22%

INTEGRATED SYSTEMS

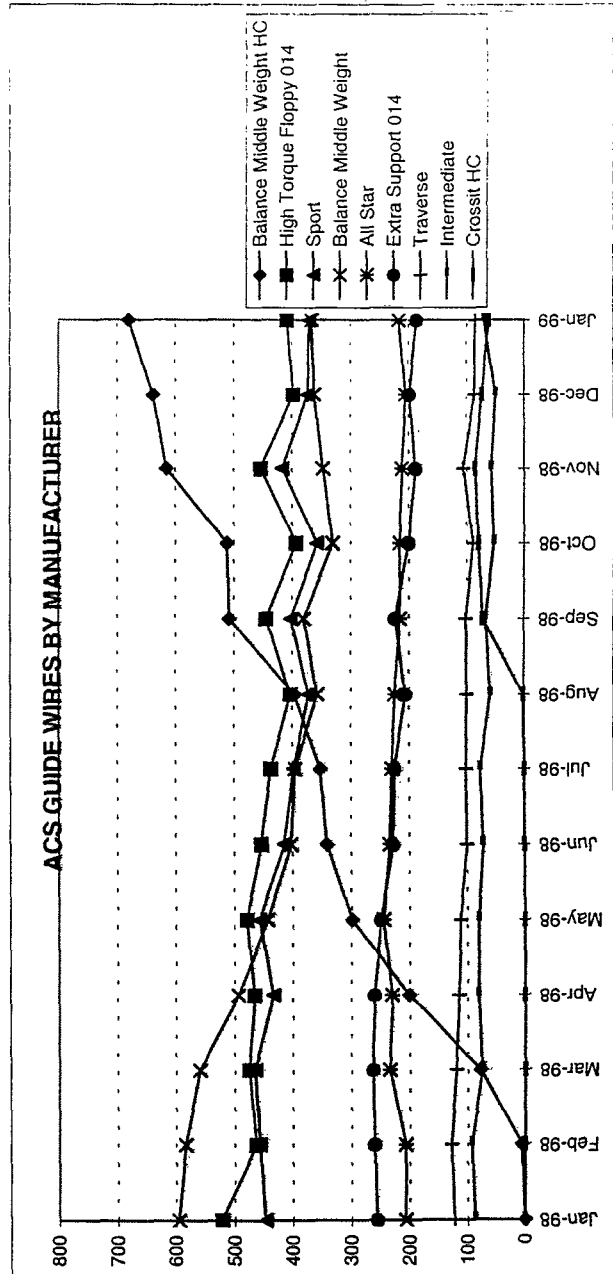
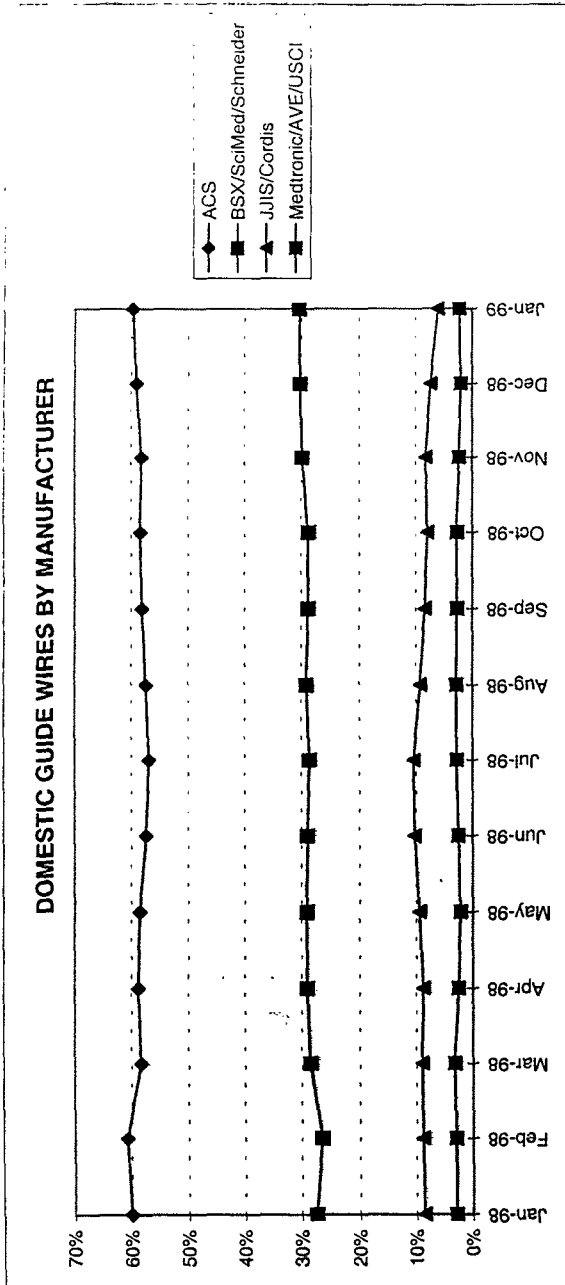
JJIS/Cordis	1%	0%	2%	0%	0%	1%	1%	3%			1%	1%	0%
Lightning													
EXTENDED PRESSURE INT AS A % OF INT	4%	1%	3%	3%	1%	1%	1%	3%			2%	1%	0%
EXTENDED PRESSURE INT AS A % OF BUSINESS	0%	0%	0%	0%	0%	0%	0%	0%			0%	0%	0%

PERFUSION

ACS	73%	74%	65%	67%	46%	39%	40%	35%	49%	29%	30%	29%	38%
ACS													
RX Esprit													
ACS	0.10252	7%	19%	9%	13%	10%	19%	9%	21%	16%	30%	28%	37%
OTW Lifstream													
EXTENDED PRESSURE PERF AS A % OF PERF	76%	76%	80%	73%	72%	77%	75%	72%	85%	53%	77%	77%	84%
EXTENDED PRESSURE PERF AS A % OF BUSINESS	3%	3%	3%	2%	2%	2%	2%	2%	2%	1%	1%	1%	2%
TOTAL EXTENDED PRESSURE BALLOONS													
AS A % OF BUSINESS	54%	55%	54%	55%	57%	57%	58%	57%	58%	53%	57%	59%	56%

DOMESTIC DILATATION CATHETER MARKET TOP 20

[illegible]



DOMESTIC GUIDE WIRES BY MANUFACTURER

2 Months Rolling Avg.		Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
PRODUCT DETAIL	ACS	60%	61%	58%	59%	59%	57%	57%	57%	58%	59%	58%	59%	60%
	BSX/SciMed/Schneider	28%	27%	29%	29%	29%	29%	29%	29%	29%	29%	30%	30%	30%
	JJIS/Cordis	9%	9%	9%	9%	9%	10%	10%	9%	8%	8%	8%	7%	6%
PRODUCT DETAIL	Medtronic/AVE/USCI	3%	3%	3%	3%	2%	2%	3%	3%	3%	3%	2%	2%	2%
	Balance Middle Weight	11%	11%	12%	13%	13%	14%	15%	16%	16%	17%	17%	17%	18%
	Floppy 014	8%	12%	13%	12%	12%	11%	10%	11%	12%	11%	11%	13%	13%
PRODUCT DETAIL	ACS	12%	11%	10%	9%	8%	9%	8%	8%	8%	9%	8%	8%	8%
	.014 Extra Support	6%	6%	6%	7%	6%	5%	6%	6%	6%	7%	7%	7%	8%
	Choice PT	5%	5%	6%	6%	6%	7%	6%	5%	5%	5%	5%	5%	5%
PRODUCT DETAIL	BSX/SciMed/Schneider	0%	0%	1%	3%	4%	4%	4%	4%	5%	5%	5%	5%	5%
	Choice Extra Support	12%	10%	7%	7%	8%	8%	7%	6%	6%	6%	6%	5%	5%
	Luge	4%	4%	4%	4%	5%	5%	5%	5%	6%	5%	4%	4%	4%
PRODUCT DETAIL	ACS	6%	5%	5%	3%	3%	3%	3%	3%	3%	3%	3%	4%	4%
	.014 STAR	3%	3%	3%	3%	3%	3%	4%	3%	4%	4%	4%	4%	4%
	Choice	2%	2%	3%	3%	2%	2%	2%	2%	2%	3%	3%	3%	3%
PRODUCT DETAIL	BSX/SciMed/Schneider	5%	5%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
	Heart Technology	2%	3%	2%	3%	3%	2%	2%	2%	2%	2%	2%	2%	2%
	Balance	2%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
PRODUCT DETAIL	ACS	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
	.014 Traverse	5%	5%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
	Stabilizer	2%	3%	3%	3%	3%	3%	3%	3%	3%	3%	2%	2%	2%
PRODUCT DETAIL	BSX/SciMed/Schneider	1%	1%	1%	1%	1%	1%	1%	2%	2%	1%	2%	1%	1%
	Ironman	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
	PT Graphix	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
PRODUCT DETAIL	Balance Heavy Weight	2%	2%	2%	2%	2%	2%	2%	1%	1%	1%	0%	1%	1%
	Mailman	2%	2%	2%	2%	2%	3%	2%	2%	2%	2%	1%	1%	1%
	Wisdom	2%	2%	2%	2%	2%	1%	1%	2%	2%	2%	1%	1%	1%
PRODUCT DETAIL	ACS	3%	4%	3%	3%	3%	4%	4%	3%	3%	2%	3%	2%	1%
	Intermediate 014	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
	Stabilizer Plus	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
PRODUCT DETAIL	Shinobi	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
	Metronic Mustang	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
	CROSS-IT	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
PRODUCT DETAIL	ACS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
	Cordis .018	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
	JJIS/Cordis	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%

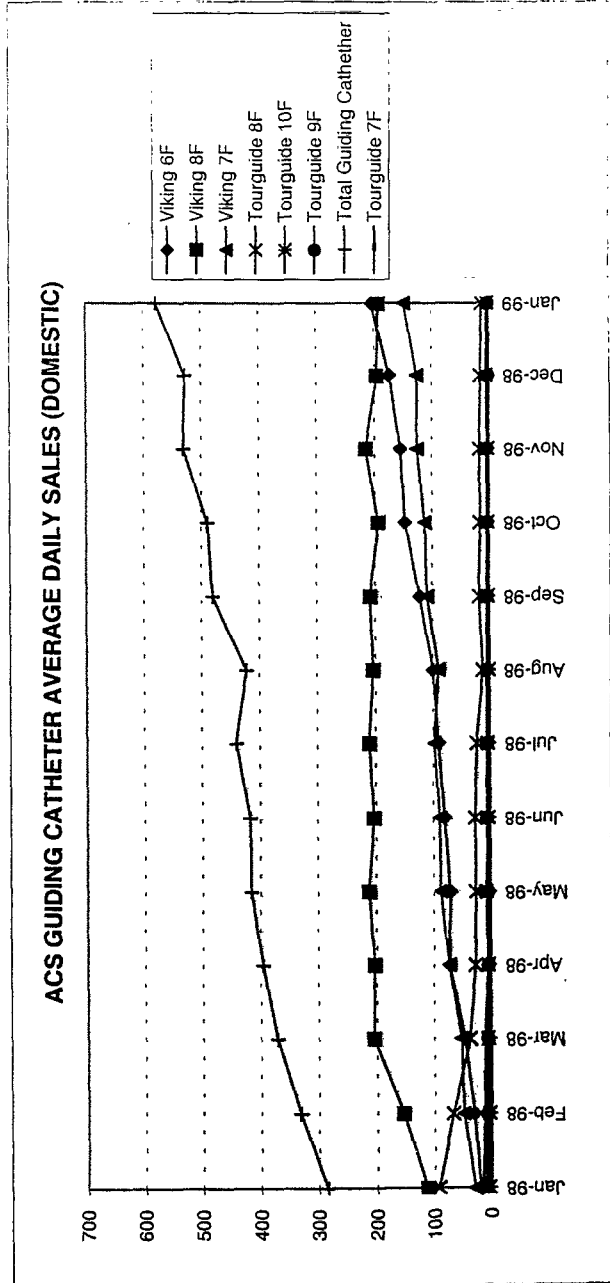
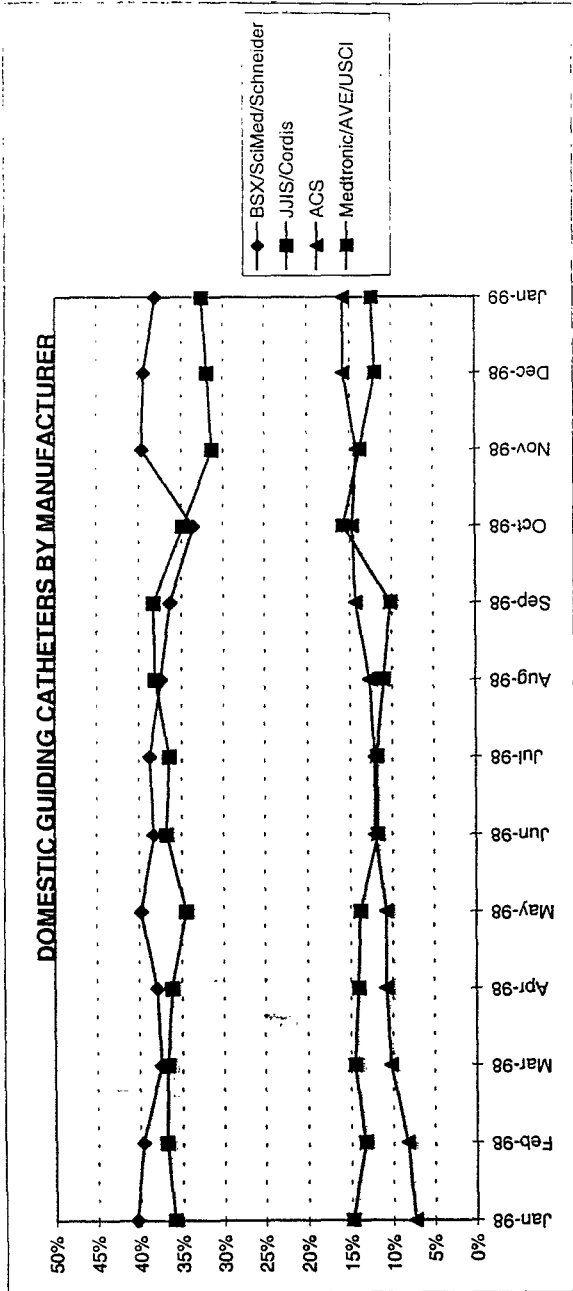
*As of Dec 97, Intermediate 014, Standard 014, and Floppy 014 split from the ACS 14 group

ACS GUIDE WIRES AVERAGE DAILY SALES (DOMESTIC)

	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
Balance Middle Weight HC	0	6	78	201	299	342	352	396	508	512	616	639	681
High Torque Floppy 014	522	463	475	465	479	454	437	404	445	394	454	398	409
Sport	447	457	465	434	457	415	398	372	403	358	417	373	371
Balance Middle Weight	595	584	560	493	443	403	395	358	380	331	347	363	366
All Star	207	208	234	230	245	234	230	224	216	216	212	206	218
Extra Support 014	256	261	263	260	249	228	225	206	224	201	189	200	188
Traverse	123	129	120	115	112	101	102	100	101	89	106	87	85
Intermediate	87	93	75	81	80	72	77	59	67	53	57	50	70
Crossit HC								2	72	80	86	74	62
Balance HC		3	31	37	41	44	45	49	47	50	59	59	59
Balance Heavy Weight	123	132	112	91	97	77	61	54	52	56	48	45	44
Balance	34	38	29	30	39	39	34	24	32	27	24	20	24
Standard								3	6	6	6	7	9
Intermediate HC								2	2	1	3	3	2
Standard HC	92	92	93	121	101	103	96	82	95	72	76	65	75
Other 014	32	33	33	37	27	32	29	7	20	53	28	25	36
Other 014 HC	24	19	20	21	24	20	17	24	24	30	33	27	25
.018										17	24	12	16
.010													
Total Coronary Wires	2,542	2,517	2,590	2,615	2,691	2,563	2,497	2,390	2,720	2,546	2,873	2,699	2,793
Doc	116	98	160	131	143	126	138	131	147	133	141	132	128
Anchor	20	22	22	26	20	22	17	20	14	26	19	16	16
Total Wires	2677	2637.4	2772	2772	2854	2711	2652	2541	2881	2705	3032	2846	2937

EXCHANGE DEVICES

Actual Numbers		Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
BSX/SciMed/Schneider	Magnet	27%	31%	33%	34%	37%	29%	37%	43%	47%	47%	43%	48%	46%
	DOC	39%	42%	40%	45%	40%	43%	37%	33%	39%	36%	41%	36%	36%
	CORDIS TRANSIT	8%	8%	7%	9%	9%	8%	7%	5%	5%	8%	6%	8%	9%
	JJIS/Cordis	7%	4%	6%	2%	3%	10%	7%	9%	2%	4%	5%	3%	4%
BSX/SciMed/Schneider	Anchor	12%	6%	9%	7%	8%	5%	9%	8%	3%	2%	2%	2%	3%
	Trapper	4%	5%	3%	3%	3%	3%	2%	1%	2%	2%	2%	2%	1%
	Linx													

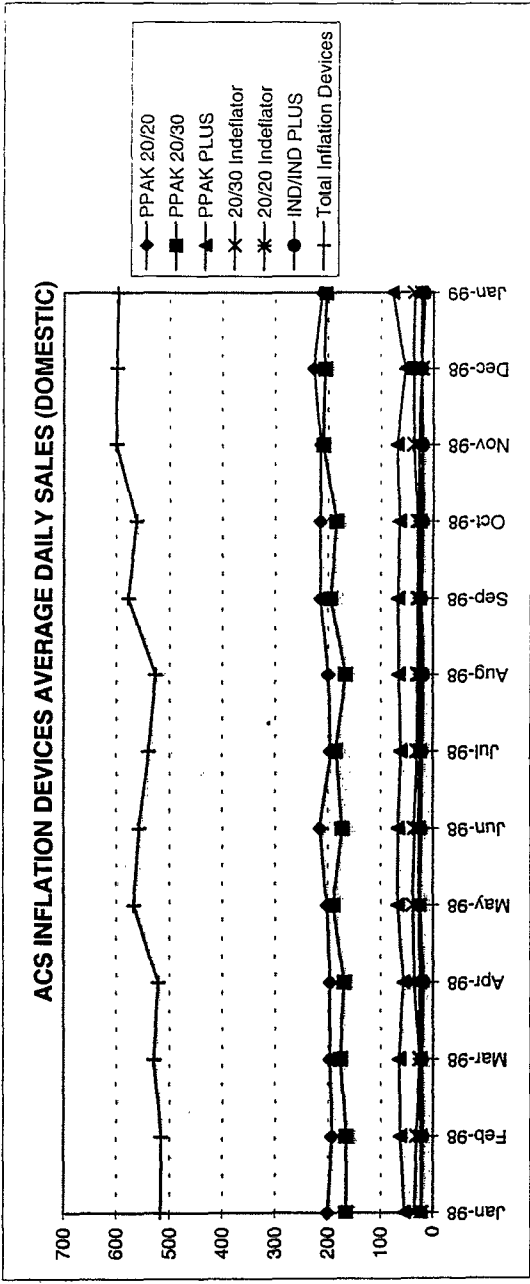
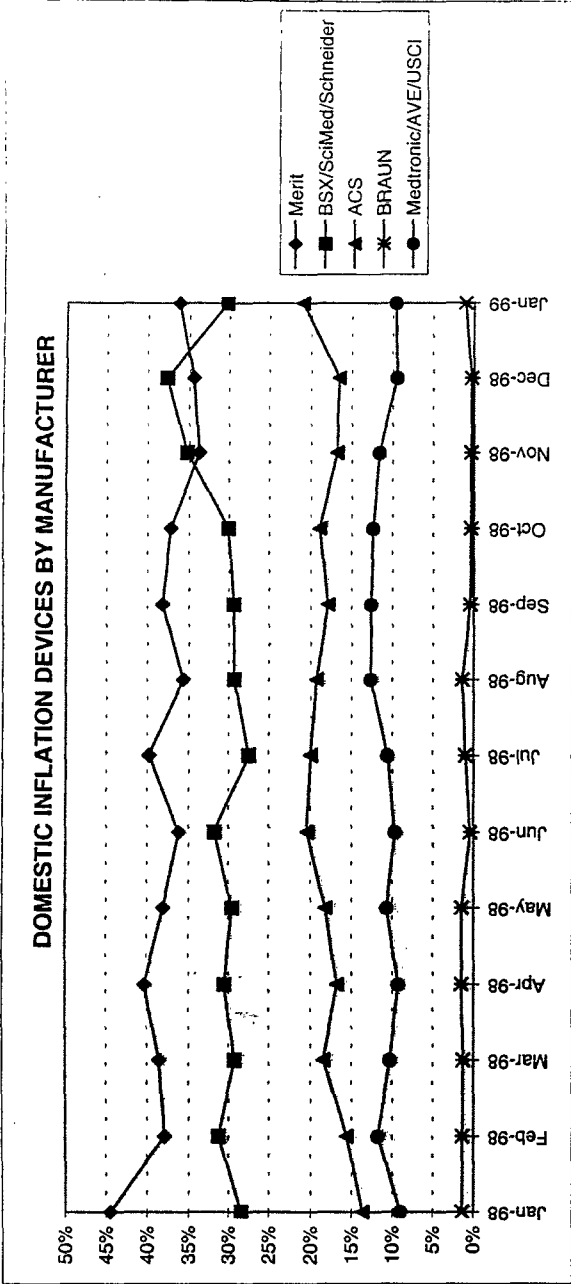


DOMESTIC GUIDING CATHETERS BY MANUFACTURER

Actual Numbers		Jan 1998	Feb 1998	Mar 1998	Apr 1998	May 1998	Jun 1998	Jul 1998	Aug 1998	Sep 1998	Oct 1998	Nov 1998	Dec 1998	Jan 1999
	BSX/SciMed/Schneider	40%	40%	37%	38%	40%	38%	39%	37%	36%	34%	40%	39%	38%
	JJIS/Cordis	36%	37%	37%	36%	34%	37%	36%	38%	38%	35%	31%	32%	33%
	ACS	7%	8%	10%	11%	11%	12%	12%	13%	14%	15%	14%	16%	16%
	Medtronic/AVE/USCI	15%	13%	15%	14%	14%	12%	12%	11%	10%	16%	14%	12%	12%
PRODUCT DETAIL (Top 15)														
BSX/SciMed/Schneider	Vista Bright .086/Large Lumen	32%	32%	30%	31%	30%	26%	31%	29%	28%	28%	24%	26%	26%
	Wiseguide	5%	9%	10%	10%	9%	11%	12%	10%	12%	12%	17%	17%	19%
	Viking	2%	4%	8%	8%	8%	9%	10%	11%	12%	12%	11%	14%	15%
BSX/SciMed/Schneider	Cyberguide	20%	22%	19%	20%	22%	18%	19%	15%	17%	13%	16%	16%	11%
	Vector	8%	6%	7%	8%	8%	6%	8%	6%	7%	9%	6%	4%	7%
	Bright Tip	3%	4%	6%	5%	3%	6%	4%	0%	8%	6%	6%	5%	5%
BSX/SciMed/Schneider	ZUMA	2%	2%	2%	3%	2%	3%	3%	3%	3%	5%	3%	3%	3%
	Guidar	5%	1%	2%	1%	1%	1%	0%	2%	1%	1%	1%	1%	2%
	Triguide Plus .086/Triguide	1%	1%	1%	1%	1%	5%	2%	1%	2%	1%	1%	2%	2%
BSX/SciMed/Schneider	Petite Bright	0%	0%	1%	0%	1%	1%	2%	2%	1%	1%	1%	0%	1%
	Mighty Max	6%	1%	1%	1%	1%	2%	1%	1%	1%	1%	0%	0%	1%
	Triguide	5%	4%	2%	2%	2%	2%	1%	1%	2%	2%	1%	1%	1%
BSX/SciMed/Schneider	Tourguide	0%	1%	0%	1%	0%	1%	0%	0%	1%	0%	1%	0%	1%
	Sherpa	1%	0%	0%	0%	1%	1%	0%	0%	0%	1%	1%	1%	1%
	Cook Lumax													

ACS GUIDING CATHETERS AVERAGE DAILY SALES (DOMESTIC)

	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
Viking 6F	19	31	47	73	72	81	91	100	123	147	155	174	205
Viking 8F	112	155	205	204	212	204	212	204	209	194	216	196	193
Viking 7F	29	49	53	74	88	90	98	90	109	113	127	127	149
Tourguide 8F	93	68	37	28	26	27	24	12	18	16	17	15	12
Viking 9F								6	11	10	5	8	11
Tourguide 7F	15	12	11	5	3	4	3	2	2	2	3	2	3
Tourguide 10F	4	4	6	5	7	3	4	1	2	2	2	4	3
Tourguide 6F	4	6	5	5	5	4	5	3	3	1	4	1	2
Tourguide 9F	9	7	6	4	4	6	5	5	4	3	3	1	1
Other Guiding Caths	1	0	2	0	0	1	0		0	1	0	1	0
Total Guiding Catheter	285	332	372	397	416	418	441	423	481	490	532	528	578



DOMESTIC INFLATION DEVICES BY MANUFACTURER

Actual Numbers		Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
BSX/SciMed/Schneider	Merit	45%	38%	39%	39%	40%	38%	36%	40%	36%	38%	37%	34%	36%
	ACS	28%	31%	29%	31%	31%	30%	32%	27%	29%	29%	30%	35%	30%
	Medtronic/AVE/USCI	14%	16%	18%	17%	17%	18%	20%	20%	19%	18%	19%	17%	21%
	BRAUN	9%	12%	10%	9%	9%	11%	10%	11%	13%	13%	12%	9%	10%
	Morse	1%	1%	1%	1%	1%	1%	0%	0%	1%	0%	0%	0%	1%
Namic		1%	0%	1%	1%	1%	2%	1%	1%	2%	1%	1%	1%	1%
		2%	2%	1%	1%	1%	2%	1%	1%	2%	1%	1%	1%	1%

INFLATION DEVICE DETAIL		Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
BSX/SciMed/Schneider BSX/SciMed/Schneider Merit Merit Merit ACS ACS Medtronic/AVE/USCI Medtronic/AVE/USCI ACS ACS Medtronic/AVE/USCI Merit ACS BRAIN Morse Namic	Advantage	13%	13%	12%	12%	13%	13%	11%	14%	14%	12%	14%	17%	16%
	Encore	15%	18%	17%	17%	17%	16%	21%	13%	15%	17%	21%	21%	14%
	Intellsystem/Intelliflator	21%	15%	15%	16%	15%	15%	15%	18%	15%	13%	13%	16%	14%
	Request (Custom Kit)	10%	8%	9%	8%	8%	7%	7%	7%	6%	8%	9%	9%	12%
	Monarch	7%	8%	7%	10%	10%	10%	8%	9%	10%	13%	9%	8%	9%
	Priority Pack 20/20	5%	5%	7%	7%	7%	7%	10%	6%	9%	9%	7%	6%	8%
	Priority Pack 20/30	6%	5%	5%	5%	5%	4%	7%	6%	6%	5%	6%	5%	7%
	Everest	2%	3%	3%	3%	3%	4%	4%	4%	4%	5%	5%	4%	4%
	Presto/Plus	6%	6%	5%	5%	5%	4%	4%	5%	6%	6%	6%	3%	4%
	Priority Pack Plus 20	3%	4%	5%	5%	2%	2%	2%	2%	2%	2%	2%	3%	3%
	Indeflator Plus	0%	1%	1%	1%	0%	1%	1%	1%	1%	1%	1%	1%	2%
	Ideal	1%	2%	2%	2%	1%	2%	2%	2%	3%	2%	2%	2%	2%
	Basix	7%	8%	7%	7%	6%	6%	6%	6%	5%	5%	3%	1%	2%
	20/20 Indeflator	0%	1%	1%	1%	0%	1%	1%	1%	1%	1%	1%	2%	1%
	BRAUN INDEFLATOR	1%	1%	1%	1%	1%	1%	0%	1%	1%	0%	0%	0%	1%
BRAIN Morse Namic		1%	0%	1%	1%	1%	1%	0%	0%	1%	0%	1%	0%	1%
		1%	2%	1%	1%	1%	1%	1%	2%	1%	1%	1%	1%	1%
		1%	2%	1%	1%	1%	1%	1%	2%	1%	1%	1%	1%	1%

ACS INFLATION DEVICES AVERAGE DAILY SALES (DOMESTIC)

ACS INFLATION DEVICES AVERAGE DAILY SALES (DOMESTIC)		Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	Jan-99
PPAK 20/20 PPAK 20/30 PPAK PLUS 20/30 Indeflator PPAK PLS30 20/20 Indeflator IND/IND PLUS		201	193	197	197	196	203	216	195	200	214	215	214	212
		166	166	177	177	170	191	173	186	167	195	185	210	205
		55	63	65	65	57	68	67	62	66	67	65	54	79
		35	32	26	26	36	39	36	30	29	29	30	37	37
		16	20	19	21	21	17	17	22	21	25	24	23	26
		22	23	25	25	25	26	27	24	25	25	25	28	22
		22	20	21	18	18	25	22	21	18	22	20	21	17
Total Inflation Devices		517	516	530	522	522	568	558	540	527	578	563	602	598

Exhibit 3

Market Share of ASC and Medtronic (Bare-Metal Stents)

